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Westinghouse Hanford Company Implementation Plan for DOE Order 5480.28, Natural Phenomena Hazards Mitigation

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Assistant Secretary for Environmental Management



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Hanford Company**

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EXECUTIVE SUMMARY

Natural phenomena hazards (NPH) are unexpected acts of nature that pose a threat or danger to workers, the public or to the environment. Earthquakes, extreme winds (hurricane and tornado), snow, flooding, volcanic ashfall, and lightning strike are examples of NPH at the Hanford Site.

It is the policy of the U.S. Department of Energy (DOE) to design, construct, and operate facilities so that workers, the public, and the environment are protected from NPH and other hazards. During 1993, the DOE Richland Operations Office (RL) transmitted DOE Order 5480.28, Natural Phenomena Hazards Mitigation, to Westinghouse Hanford Company (WHC) for compliance. The order includes rigorous new NPH criteria for the design of new DOE facilities as well as for the evaluation and upgrade of existing DOE facilities. Criteria and requirements are contained in the order and in five applicable standards, the last of which, DOE-STD-1023, was released in fiscal year 1996.

The order becomes enforceable for new structures, systems, and components (SSCs) following issue of WHC-CM-1-12, Engineering Design and Evaluation. The order also requires that commitments addressing existing SSCs be included in an implementation plan that is due one year following the in-force date. The RL notified WHC that the in-force date is May 15, 1996 (Kellogg).

In 1995, DOE Order 420.1, Facility Safety, was issued. This order contains the same NPH requirements and invokes the same applicable standards as DOE Order 5480.28. It will supersede DOE Order 5480.28 when an in-force date for DOE Order 420.1 is established through contract revision.

The WHC is implementing a phased and graded approach for compliance with DOE Order 5480.28. Activities will be planned and accomplished in four phases.

- Mobilization. Development of NPH structural design criteria for new and existing facilities.
- Prioritization. Prioritization of existing facilities, issue of the implementation plan required by DOE Order 5480.28, and compliance for new facilities.
- Evaluation. Evaluation of NPH vulnerability of the most important existing facilities (based on the existing facility prioritization).
- Upgrade. Upgrade of facilities, if necessary, when justified by a risk-benefit analysis.

The planned activities, as well as the level of depth, rigor, and thoroughness in accomplishing them, are determined by applying a graded approach. The basis for the graded approach is the designation of facilities/structures into one of five performance categories based on safety function, mission, and cost.

The mobilization phase has been completed with the draft of WHC-CM-1-12. This implementation plan develops the program for the prioritization phase and a strategy for the implementation of DOE Order 5480.28. At the end of the prioritization phase, this plan will be upgraded to include a prioritized list of existing buildings and structures due for future NPH evaluation and will be submitted to RL for approval.

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A Facility Listing

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LIST OF ACRONYMS AND TERMS

<u>Acronym</u>	<u>Term</u>
ACI	American Concrete Institute
AISC	American Institute of Steel Construction
ANSI	American National Standards Institute
ASME	American Society of Civil Engineers
ATC	Applied Technology Council
BCSR	Boeing Computer Services Richland
DNFSB	Defense Nuclear Facilities Safety Board
DOE	U.S. Department of Energy
FEMA	Federal Emergency Management Agency
FFTF	Fast Flux Test Facility
FSSF	Fuel Supply Shutdown Facility
FY	Fiscal Year
HC	Hazard Category
HH	High Hazard facility
ICF KH	ICF Kaiser Engineers Hanford Company
LH	Low Hazard facility
MH	Medium Hazard facility
NPH	Natural Phenomena Hazard
NSRC	Nuclear Safety Regulatory Compliance
PC	Performance Category
PPF	Plutonium Finishing Plant
PUREX	Plutonium-Uranium Extraction Facility
RL	Richland Operations Office of the DOE
SAR	Safety Analysis Report
SC	Safety Class
SNFP	Special Nuclear Fuels Project
SSC	Structures, Systems, and Components
STD	DOE Standard
SWOC	Solid Waste Operations Complex
TBD	To Be Determined
TWRS	Tank Waste Remediation System
UBC	Uniform Building Code
WESF	B Plant/Waste Encapsulation Storage Facility
WHC	Westinghouse Hanford Company
WHF	340 Waste Handling Facility
WCT	Westinghouse Commitment Tracking

WESTINGHOUSE HANFORD COMPANY IMPLEMENTATION PLAN
FOR DOE ORDER 5480.28, NATURAL PHENOMENA
HAZARDS MITIGATION

1.0 IMPLEMENTATION PLAN SUMMARY

1.1 INTRODUCTION

In 1993, the U.S. Department of Energy (DOE), Richland Operations Office (RL) transmitted DOE Order 5480.28 to Westinghouse Hanford Company (WHC) for compliance. The order was reviewed. However, compliance requirements could not be determined, because "The order becomes immediately in force at the effective date of the last applicable standard." In 1993, the last of five applicable standards had not been issued. The applicable standards identified in the order and their release dates are:

DOE-STD-1020-94, "Natural Phenomena Hazards Design and Evaluation Criteria for DOE Facilities," (April 1994).

DOE-STD-1021-93, "Natural Phenomena Hazards Performance Categorization Guidelines for Structures, Systems, and Components," (July 1993).

DOE-STD-1022-94, "Natural Phenomena Hazards Site Characterization Criteria," (March 1994).

DOE-STD-1023-95, "Natural Phenomena Hazards Assessment Criteria," (dated September 1995, released on the Internet October 1995).

DOE-STD-1024-92, "Guidelines for Use of Probabilistic Seismic Hazard Curves at Department of Energy Sites," (December 1992).

On October 7, 1993 WHC (Knoll-1) notified RL that WHC would begin to assess compliance status after DOE Order 5480.28 became effective; that is, on issue of the last applicable standard. It was also recommended that the order and applicable standards be implemented as an integrated package and that implementation be performed in phases to assure cost-effective compliance.

The last applicable standard, DOE-STD-1023-95, was issued in fiscal year (FY) 1996. The RL notified WHC that the in-force date is May 15, 1996 (5-6-96, Kellogg). However, WHC (6-13-96, Knoll-3) requested that the effective date for new SSCs be delayed until DOE approved the Hanford Site recently developed probabilistic seismic hazards analyses (Tallman-1).

In 1995, DOE Order 420.1 was issued. This order contains the same natural phenomena hazards (NPH) mitigation requirements and invokes the same applicable standards as DOE Order 5480.28. This new order will supersede DOE Order 5480.28 when an in-force date for the new order is established through contract revision.

1.2 BACKGROUND

It is the policy of the DOE to design, construct, and operate facilities so that onsite workers, the public, and the environment are protected from NPH. The NPH are unexpected acts of nature which may pose a threat or danger to workers, the public, or to the environment. Examples of NPH at the Hanford Site are earthquakes, extreme winds (hurricane and tornado), snow, flooding, volcanic ashfall, and lightning strike. The WHC has initiated a phased and graded approach program for compliance with DOE Order 5480.28. Activities are planned to be accomplished in four phases.

- Mobilization. Development of NPH structural design criteria for new and existing facilities.
- Prioritization. Prioritization of existing facilities, issue of the implementation plan required by DOE Order 5480.28, and compliance for new facilities.
- Evaluation. Evaluation of NPH vulnerability of the most important existing facilities (based on the existing facility prioritization).
- Upgrade. Upgrade of facilities, if necessary, when justified by a risk-benefit analysis.

Planned activities and the level of depth, rigor, and thoroughness in accomplishing them are determined by applying a graded approach. The basis for the graded approach is the designation of facilities/structures into one of five performance categories based on safety function, mission, and cost.

The mobilization phase is completed with the preparation of WHC-CM-1-12. The WHC-CM-1-12 manual will be issued for use following the approval by DOE of the site seismic hazard curves. This implementation plan develops the program for the prioritization phase, as well as an overall strategy for the implementation of DOE Order 5480.28 and meeting nuclear safety requirements. At the end of the prioritization phase, this plan will be upgraded to include a prioritized schedule for NPH evaluation of existing buildings and structures and will be submitted to RL for approval. Appendix A contains a preliminary list of buildings that will be the repository for data used in the prioritization task.

In the fall of 1993, while waiting receipt of the last DOE standard, WHC initiated a program of NPH awareness to alert staff of the pending compliance requirements of DOE Order 5480.28. Presentations were made throughout the Hanford Site to project and program personnel, the WHC Operations Excellence Council, and staff from RL. Articles in the Hanford Reach discussed the potential impact of the order. The development of agreements and understandings on NPH mitigation were completed at this time. The more important of these were:

- Concurrence of RL on an interpretation of new versus existing facilities (Wise-1).
- A proposed correlation between WHC safety class and NPH performance category (PC) (Webb, Conrads).

In October 1995, the last applicable standard, DOE-STD-1023-95, was issued over the Internet, and it became evident DOE Order 5480.28 would soon be effective. Since the order becomes enforceable for new structures, systems, and components (SSCs) following the in-force date, efforts have been concentrated on development of structural design and evaluation criteria to replace the site design criteria embodied in the Hanford Plant Standards, Standard Design Criteria SDC-4.1.

In addition to the structural design and evaluation criteria development, including NPH loads (Conrads-3 and -4), the following plans, studies, and procedures have been issued during the mobilization phase.

- Probabilistic NPH assessment, characterization, and criteria for the Hanford Site (Tallman-1 and -2, and Conrads-2).
- NPH detection plans for the seismic monitoring of the Hanford Site (Reidel, Moore).
- A procedure for prioritization of NPH evaluations for existing DOE facilities (Conrads-5).
- Engineering change notices modifying present WHC Hanford Site emergency response plans and procedures and incorporating post-NPH requirements of DOE Order 5480.28 [(Section 10.d(1))].
- WHC-SD-SQA-CSWD-501, Rev 0, "DOE Order 5480.28 Hanford Facilities Database" has been issued. A preliminary database output of the initial structure/facility list is included as Appendix A. It will be used to document the data gathered during the prioritization phase.

The prioritization phase for DOE Order 5480.28 has been initiated. During this phase, existing DOE buildings and structures operated by WHC and its subcontractors will be ranked in terms of their importance and NPH vulnerability. Based on this ranking, a prioritized list for the future NPH evaluation of existing buildings and structures will be included in an implementation plan to be submitted to the DOE for approval within one year of the in-force date of the order. The implementation plan will contain NPH evaluation commitments in addition to formulation of the overall strategy for implementing DOE Order 5480.28.

The implementation plan will be updated every year thereafter until Hanford Site compliance with the order is achieved.

1.3 SIGNIFICANT NEW ACTIVITIES

No new programs are anticipated. The following new activities are associated with the phased implementation of this plan.

Mobilization Phase. This phase has been completed. (See paragraph 1.2.)

Prioritization Phase. As described in Section 8.0, prioritization includes a screening to identify sites of greatest vulnerability to NPH

effects and to existing buildings and structures of importance in terms of safety, mission, and cost to refurbish. To facilitate scheduling future NPH evaluations, these important buildings and structures are then prioritized, based on PC, occupancy considerations, facility condition, and existing analyses. Facilities with low NPH vulnerability due to inherent ruggedness or benign site conditions are eliminated from further consideration. Estimates of the resources required to evaluate the effects of an NPH event will be prepared for existing facilities of greatest importance and greatest NPH vulnerability. During the prioritization phase, a NPH detection plan and post-NPH inspection procedures will be implemented.

Evaluation Phase. In the order of prioritization and at the pace of funding availability, important buildings and structures will be evaluated to determine NPH capability in accordance with WHC-CM-1-12, (Conrads-4). Resource estimates comparing the cost of upgrading with other mitigating actions will be made for any facility deemed vulnerable.

Upgrade Phase. Existing buildings and structures shown to be vulnerable to NPH will be either upgraded or other mitigating actions will be taken to reduce risks from NPH events, depending on funding availability.

1.4 ADDITIONAL FUNDING REQUIREMENTS

Implementation of DOE Order 5480.28 represents additional workscope not included in current work plans. Mobilization has been funded through overhead accounts. However, formal authorization of additional funding and/or deferral of present workscope will be necessary for the prioritization, evaluation, and upgrade phases.

Estimates of additional funding and resource needs are in Section 9.0. Approximate expenditures spent or needed for the mobilization and prioritization phases are:

<u>Phase</u>	<u>FY 96</u>	<u>FY 97</u>	<u>Status</u>
Mobilization	\$465,000		Spent
Prioritization		\$604,000	Needed

At the completion of the prioritization phase this implementation plan will be revised to identify the source of funds and funding requirements by fiscal year for the evaluation phase.

During the evaluation and upgrade phases the implementation plan will be revised each year to identify the source of funds and funding requirements by fiscal year for the facilities/SSCs recommended for upgrade.

1.5 IMPACT ON OTHER PROGRAMS

Impacts of NPH mitigation on other programs and plans for compensatory actions, if required, are in Section 12.0. Except for reallocation of funding, existing programs will not be affected by implementation of

DOE Order 5480.28 until the upgrade phase. Future revisions to the implementation plan will describe the impact of any recommended upgrades.

1.6 ASSUMPTIONS AND CONSTRAINTS

The implementation plan assumes the additional funding identified in paragraph 1.4 will be authorized as required. No other constraints are known at present.

Future revisions to the implementation plan will identify any changes in assumptions and constraints.

1.7 AREAS CURRENTLY IN FULL COMPLIANCE

New facilities, as defined in paragraph 2.4, and new modifications to existing facilities are being designed in accordance with WHC-CM-1-12 (Conrads-4) and are in compliance with DOE Order 5480.28.

1.8 REQUESTS FOR EXEMPTIONS, DEVIATIONS, AND WAIVERS

No exemptions, deviations, or waivers are requested at this time. During the prioritization, evaluation, and upgrade phases, conditions may be discovered that warrant an exemption, deviation, or waiver.

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2.0 GENERAL INFORMATION

2.1 SCOPE OF THE IMPLEMENTATION PLAN

This implementation plan encompasses all DOE new and existing facilities/SSCs on the Hanford Site under the management and control of the WHC, ICF Kaiser Engineers Hanford Company (ICF KH), or Boeing Computer Services Richland (BCSR).

2.2 CONTENT AND FORMAT OF THE PLAN

The content and format of this plan follows the guidance provided in DOE-STD-1082-94, "Preparation, Review, and Approval of Implementation Plans for Nuclear Safety Requirements." The content of the plan addresses the requirements of DOE Order 5480.28.

The table of contents provides an overview of the organization of the plan. Terminology and section headings adhere to Standard 1082. Executive summary, list of acronyms and terms, and reference sections are added to facilitate reading. Appendices are reserved for facility-specific data and are organized in alpha-numeric order by contractor and program.

2.3 CONTRACTORS AND PROGRAMS INVOLVED

Programs with DOE facilities under the management and control of WHC are:

- B Plant/Waste Encapsulation Storage Facility (WESF)
- Fast Flux Test Facility (FFTF)
- Fuel Supply Shutdown Facility (FSSF)
- K Basins
- Plutonium Finishing Plant (PFP)
- Plutonium-Uranium Extraction Facility (PUREX)
- Solid Waste Operations Complex (SWOC)
- Special Nuclear Fuels Project (SNFP)
- Tank Waste Remediation System (TWRS)
- UO₂ Facility
- 222-S Laboratory
- 308 Building
- 340 Waste Handling Facility (WHF).

In addition to the major facilities operated by WHC programs, there are a large number of general-purpose and other buildings and structures for which ICF KH is the responsible landlord. For administrative purposes, ICF KH has divided these buildings and structures into two groups, those north of the Hanford Wye barricade and those south of the Hanford Wye barricade.

The BCSR operates and maintains equipment within DOE facilities but has no responsibility for any DOE building or structure.

2.4 NEW FACILITIES

For the purpose of this plan, the following definition of a new facility/SSC was developed (Wise-1) with the concurrence of the RL contracting officer.

A new facility/SSC is one in which conceptual design is started after the effective date of DOE Order 5480.28. Facilities/SSCs in the planning, engineering study, and preconceptual design stage on or after the effective date of DOE Order 5480.28 are new facilities/SSCs. Facilities/SSCs that have started conceptual design prior to the effective date of DOE Order 5480.28 are existing facilities/SSCs.

It has also been recommended by WHC (Wise-2) that the effective date be defined as 60 days following the issue of WHC-CM-1-12.

All requirements of the order are in force for new facilities/SSCs. New facilities/SSCs and new modifications to existing facilities/SSCs shall be designed in accordance with WHC-CM-1-12 (Conrads-4), which implements and complies with DOE Order 5480.28.

New facilities/SSCs and modifications to existing facilities/SSCs, that is those that have started conceptual design since the effective date of the order, are presently shown as to be determined (TBD) in Table 2-1. The table will be completed and verified during the prioritization phase and will be updated with each subsequent revision of this implementation plan.

2.5 EXISTING FACILITIES

Existing facilities at Hanford include both nuclear and non-nuclear facilities in various stages of design, construction, operation, and decommissioning. Initial implementation activities will be directed at identifying existing buildings and structures of greatest importance and NPH vulnerability. Based on prioritization requirements of DOE Order 5480.28, Section 11.a(5), the following definition is used in this plan.

An important existing facility is any existing, free-standing building or structure that is important in terms of safety, mission, or cost. These are designated by PC as either PC4 (most important), PC3, PC2, or PC1 (least important). Unimportant facilities are designated PC0 and meet all of the following screening criteria:

- *No hazardous materials*
- *No permanent occupants*
- *No present or future mission*
- *No intent to restore or replace.*

The "FacilitiesCORE" and "Richland Labs Property System (RLPS)" databases have been used to create a database of existing Hanford Site structures and/or facilities. This database, Hanford facilities site database (HFSDB) (Hayenga), provides the basis for the implementation and completion of the prioritization phase. This will include identification of sites of greatest NPH vulnerability and tabulation of the building and structure PC, occupancy

status, facility condition, and existing structural analysis. The HFSD will be used to include the basis for evaluation and prioritization as well as the results of the evaluation and prioritization.

In order to provide a basis for planning the prioritization phase, a preliminary inventory of the existing buildings and structures has been prepared. Table 2-2 shows the proposed contractors, programs, and name/type and number of existing buildings and structures. Important facilities that are identified are Safety Class 1 or 2 and described by safety analysis reports as reported in WHC-SP-1164 (Busche). Designation of TBD indicates the correct number is not presently known. These numbers will be identified during the prioritization phase.

Table 2-1. List of New Facilities/SSCs.

CONTRACTOR	PROGRAM	NEW FACILITY/SSC or MODIFICATION TO EXISTING FACILITY/SSC..... (Conceptual Design starts after ??)	CONCEPTUAL DESIGN START
WHC		TBD	
ICF KH	LANDLORD		

Table 2-2 is provided only for planning purposes. The table will be completed and verified during the prioritization phase.

Table 2-2. Preliminary Inventory of Existing Buildings and Structures.

		EXISTING BUILDINGS/STRUCTURES		
CONTRACTOR	PROGRAM	NAME/TYPE	IMPORTANT	OTHER
WHC	B Plant	WESF Support facilities	TBD 1	TBD
	FFTF	FFTF FNEF FSF MASF Support facilities	1 1 1 1 TBD	TBD
	FSSF	313 and 333 Support facilities	TBD 2	TBD
	K Basins	105 KE/KV Support facilities	TBD 2	TBD
	PFP	234,236,241,291,2736-2 Support facilities	TBD 9	TBD
	PUREX	202-A Support facilities	TBD 1	TBD
	SWOC	Central Waste Complex 224-T TRUSAF 221-T, 2706-T plant SW Burial Grounds Support facilities	46 1 2 TBD TBD	TBD
	SNFP	Canister Storage Bldg Support facilities	TBD 1	TBD
	TWRS	Waste tanks SS Waste tanks DS Waste tanks AU 242 Evaporators Grout facility Support facilities	TBD TBD TBD 3 1 TBD	TBD
	UO ₂ Facility	2714-U Support facilities	TBD 1	TBD
	222-S Lab	222-S building/VSCF Support facilities	TBD 1	TBD
	308 Annex	Fuel Storage Annex 308 building Support facilities	1 1 TBD	TBD
	340 WHF	340 Waste Handling Fac. Support facilities	TBD 1	TBD
ICF KH	LANDLORD	North of Uye Barricade	TBD	TBD
		South of Uye Barricade	TBD	TBD
ESTIMATED TOTAL			1300	TBD

3.0 APPLICABILITY OF DOE REQUIREMENTS

DOE Order 5480.28 contains the requirements of the DOE addressed in this implementation plan. The order in turn expands on and complies with the Earthquake Hazards Reduction Act of 1977, as amended (42 U.S. Code 7701 et seq), and Executive Order 12699 on Seismic Safety (1-5-90).

In addition to the primary requirements contained in DOE Order 5480.28, there are several second-tier requirement and guide documents cited in the order and in this implementation plan. These second-tier documents are discussed in Section 4.0.

DOE Order 5480.28 contains 46 specific requirements. Each requirement and its status are in Table 3-1, the master compliance matrix. For each requirement the table identifies:

- Applicable section of DOE Order 5480.28
- Text of the requirement quoted from the order
- Type of WHC facility affected (new or existing, etc.)
- WHC document implementing and controlling compliance
- Requirements for which compliance has been achieved.
- Schedule for achieving compliance
- Exemptions, planned or requested
- Need for additional funding.

Requirements are imperative statements commanding or ordering that something be done or that a mandatory condition be achieved. In Table 3-1, each requirement is identified by a bullet, and the imperative word (usually "shall") in the statement is underlined.

3.1 APPLICABLE REQUIREMENTS AND PROPOSED EXEMPTIONS

No exemptions are requested at this time. During the prioritization, evaluation, and upgrade phases, conditions may be discovered that warrant exemptions. If an exemption or deviation is requested in the future, the request will comply with requirements of Section 9.0. of the order.

3.2 REQUIREMENTS THAT ARE NOT APPLICABLE AND JUSTIFICATION

Two requirements [contained in Section 10.c(1) of the order] do not presently apply to this implementation plan. These requirements deal with the NPH assessments and siting of new sites and are not in the planned or contract scope of work for WHC, ICF KH or BCSR. These two requirements are marked "does not apply" in Table 3-1 and are also highlighted by gray shading.

During the prioritization, evaluation, and upgrade phases, some other requirements may be found to be not applicable. Justification will be included in the revisions to this implementation plan for any additional requirements found to be not applicable.

3.3 APPLICABLE REQUIREMENTS AND ACHIEVED COMPLIANCE

During the mobilization phase, compliance was achieved for 32 procedure requirements. Requirements for which compliance has been achieved are designated in Table 3-1 with a "yes" in the fifth column and are also highlighted with gray shading.

Procedural requirements constrain the way actions shall be done. Compliance is considered achieved when governing procedures are in place, required studies are completed, or a mandatory condition is achieved. Implementation of procedures and updating of studies may be a continuing activity while Hanford is an active site and the order remains in force. Continuing activities normally require additional funding over what would be required prior to the order coming in force.

Additional funding associated the NPH mitigation of new facilities/SSCs, or new modifications to existing facilities/SSCs, will be budgeted and requested on a per-case basis by the responsible programs and will not be reported in this implementation plan.

All other additional funds associated with mobilization, prioritization, evaluation, and upgrade (retrofit) will be reported in this implementation plan. A "yes" in the right column of Table 3-1 indicates that additional funding is expected to be needed and will be reported in this implementation plan.

3.4 APPLICABLE REQUIREMENTS AND PLANNED COMPLIANCE

The remaining 12 requirements are facility specific. Compliance with these requirements is planned during the prioritization, evaluation, and upgrade phases. During these phases, the requirements of DOE Order 5480.28 that are applicable to the buildings and structures under the management of WHC, ICF KH, and BCSR will be implemented. Progress in complying with facility-specific requirements is documented in appendices to this implementation plan and is discussed in Section 5.0.

Table 3-1. Master Compliance Matrix for DOE Order 5480.28.

DOE 5480.28 Paragraph	DOE 5480.28 Requirements	Affected Facilities	Implementing Documents	Compliance Achieved	Compliance Schedule	Waiver Needed	Additional Funds
3a Policy	For nuclear facilities, DOE additionally requires that the nuclear safety policy of DOE 5480.23 and Secretary of Energy Notice (SEN), SEN-35-91, NUCLEAR SAFETY POLICY, of 9-91, be met for NPI mitigation, and that cost effectiveness is considered.	All WHC nuclear facilities	WHC-SP-1164	No	TBD	No	Yes
7f Definitions (function)	Maintaining function after NPI occurrence is required by this Order for SSCs important to safety, and that mitigation of SSCs based on cost/benefit considerations.	All WHC facilities	WHC-CH-4-46 WHC-CH-1-12	No	TBD	No	Yes
9 Exemptions/Deviations	- Nothing in this Order shall preempt the specific requirements contained in other DOE directives relative to their processes and procedures for requesting exemptions and deviations. - Exemptions and deviations must be documented in writing and must include an adequate basis justifying the action. (If a waiver or deviation is required, additional requirements are found in 9a through 9d(6).)	All WHC facilities	WHC-SP-1175	Yes	Completed	No	No
10 Requirements	The requirements provided in this Order shall be used in conjunction with the General Design Criteria in DOE 6430.1A and other Departmental Design Criteria as applicable.	All WHC facilities	WHC-SP-1175	Yes	Continues	No	Yes
10a(1) Design/Evaluations (General)	- Structures, systems, and components (SSCs) shall be designed and constructed to withstand the effects of NPI. - NPI design and evaluation criteria for SSCs for earthquake, wind, and flood shall be used for DOE laboratories, reservations, and production facilities.	All WHC facilities	WHC-CH-1-12	No	TBD	No	Yes
		All WHC facilities	WHC-CH-1-12	No	TBD	No	Yes

Table 3-1. Master Compliance Matrix for DOE Order 5480.28.

DOE 5480.28 Paragraph	DOE 5480.28 Requirements	Affected Facilities	Implementing Documents	Compliance Achieved	Compliance Schedule	Waiver Needed	Additional Funds
10a(1) Continued	• UGWT-15910 shall be used until a DOE standard is issued. • It is the intent of this Order to conform to and/or use national consensus codes and standards wherever practicable. Thus, where appropriate DOE criteria and standards are not available (e.g., for electrical transmission and distribution systems or dams) or for other DOE facilities, applicable National, Federal, or Industry consensus codes, standards, manuals of practice, or model building codes shall be deemed acceptable to meet the intent of this Order.	All UWC facilities All UWC facilities	WHC-CN-1-12 WHC-CN-1-12	Yes Yes	Completed Continues	No No	No No
10a(2) New Facilities (General)	• SSCs shall be designed to be in compliance with paragraph 10a(1).	All UWC new facilities	WHC-CN-1-12	Yes	Continues	No	No
10a(3) Addition/Modification (General)	• Additions and modifications shall not degrade the safety or function of the existing SSCs to the extent that performance goals cannot be achieved. • Additions and modifications to existing SSCs shall be designed and constructed to comply with paragraph 10a(1).	All UWC existing facilities All UWC existing facilities	WHC-CN-1-3 WHC-CN-1-12	Yes Yes	Continues Continues	No No	No No
10a(4)(a) Existing Facilities	• SSCs shall be reevaluated in accordance with the requirements of paragraph 10a(1) under the following circumstances: 1. The SSC was designed and constructed without adequate NPH design and construction standards. 2. The function of the SSC has changed to a PC with more stringent NPH requirements such as when the SSC is identified as important to safety through upgrades to the facility SAR. 3. There has been significant change in understanding that results in an increase in the site NPH hazards. 4. When a SSC has been subjected to an unresolved safety question and requires evaluation. 5. A significant physical change in the SSC has been caused by an addition, a modification, deterioration, or a damaging NPH event.	All UWC existing facilities	WHC-CN-1-12 WHC-SP-1175	No	TBD	No	Yes

Table 3-1. Master Compliance Matrix for DOE Order 5480.28.

DOE 5480.28 Paragraph	DOE 5480.28 Requirements	Affected Facilities	Implementing Documents	Compliance Achieved	Compliance Schedule	Waiver Needed	Additional Funds
10a(4)(b) Implement w/Existing	The contractor/operator shall establish an implementation plan for evaluating and upgrading existing SSCs.	All WMC existing facilities	WMC-SP-1175	Yes	Continues	No	Yes
10a(4)(c) Evaluation/Upgrade (General)	- The implementation plan for evaluation and upgrade of SSCs shall be consistent with ICSSC RP-3 and meet the provisions thereof, as a minimum. - The detailed requirements for evaluation and upgrade of SSCs for life safety considerations will be consistent with the final consensus standards from this committee (the implementing committee, the Interagency Committee on Seismic Safety in Construction (ICSSSC), as illustrated in ICSSC RP-3).	All WMC existing facilities	WMC-SP-1175	Yes	Completed	No	No
10a(4)(d) Retrofit (General)	Retrofit of existing DOE facilities for NPH effects shall be conducted in accordance with DOE backfit policy, DOE N 5480.5.	All WMC applicable existing facilities	WMC-CH-1-3 WMC-SP-1175	Yes	Continues	No	Yes
10a(5) Interaction (General)	Potential damage and failure of SSCs due to both direct NPH effects and NPH response of adjacent SSCs (interaction) shall be considered.	All WMC facilities	WMC-CH-1-3 WMC-CH-1-12	TBD	TBD	No	Yes
10a(6) Common Cause (General)	The occurrence of a NPH event, especially earthquake effects many or all SSCs in a facility. Hence, it is possible to have multiple NPH-induced failures of SSCs. These common cause effects must be considered in design or evaluation.	All WMC facilities	WMC-CH-1-3 WMC-CH-1-12	TBD	TBD	No	Yes
10b(1) Graded Approach	Paragraph 10a(1) shall be satisfied using a graded approach.	All WMC Facilities	WMC-CH-1-12	Yes	Continues	No	Yes

Table 3-1. Master Compliance Matrix for DOE Order 5480.28.

DOE 5480.28 Paragraph	DOE 5480.28 Requirements	Affected Facilities	Implementing Documents	Compliance Achieved	Completion Schedule	Uslver Needed	Additional Funds
10c Assessment of NPH	- The NPH design and evaluation requirements given in this Order require a probabilistic assessment of the likelihood of future NPH occurrence. - The level of probabilistic NPH assessment to be conducted shall be appropriate for the performance category and shall be performed in a manner consistent with the graded approach. - For sites containing facilities with SSCs in Performance Categories 3 and 4, a site-specific probabilistic NPH assessment shall be conducted in accordance with the applicable DOE standard. - For sites which have site-specific probabilistic NPH assessments, the SSCs in Categories 1 and 2 shall be evaluated or designed for the greater of the site-specific values or the model code values unless site-specific values are lower and can be justified.	All WHC facilities All WHC facilities All WHC PC34 facilities All WHC PC12 facilities	WHC-SD-U236A -TI-002 WHC-SD-GN -TI-501 WHC-SD-U236A -TI-002 WHC-SD-GN -TI-501 WHC-SD-U236A -TI-002 WHC-SD-GN -TI-501 WHC-CH-1-12	Yes Yes Yes Yes	Completed Completed Completed Completed	No No No No	No No No No
10c(1)(a) Assessment of NPH (New Sites)	- For a new site, containing SSCs in Performance Categories 3 and 4 which have performance goals more stringent than that provided by model building code provisions, a site-specific probabilistic NPH assessment shall be conducted in accordance with the applicable DOE standard. - This NPH assessment shall include adequate site-specific information.	DNA DNA	DNA DNA	DNA DNA	DNA DNA	No No	No No
10c(1)(b) NPH Assessment of New Sites	- Site planning must consider all consequences of NPH. - In addition, structures shall not be sited within flood plains where flood water depth and other flood effects at an annual probability of exceedance equal to or greater than the performance goal can adversely affect structure performance unless structure protection is provided (e.g., levees, or dikes). - Special attention shall be given to sites potentially subject to flooding from upstream dams or reservoirs including earthquake caused failures.	DNA DNA DNA	DNA DNA DNA	DNA DNA DNA	DNA DNA DNA	No No No	No No No

Table 3-1. Master Compliance Matrix for DOE Order 5480.28.

DOE 5480.28 Paragraph	DOE 5480.28 Requirements	Affected Facilities	Implementing Documents	Compliance Achieved	Compliance Schedule	Waiver Needed	Additional Funds
10c(2) NPH Assessment of Existing Sites	- For an existing site, if there are significant changes in NPH assessment state-of-the-art or site-specific information, the probabilistic NPH assessments <u>shall</u> be updated. - If SSCs of Performance Categories 3 and 4 are constructed or installed at an existing site which previously only had PC1 and PC2 SSCs and/or which did not have a site-specific probabilistic NPH assessment, a probabilistic site-specific NPH assessment <u>shall</u> be performed. - A review of the state-of-the-art of NPH assessment methodology and of site-specific information <u>shall</u> be conducted at least every 10 years. - A recommendation shall be made to the PSOs on the need for updating the existing NPH assessments based on identification of a significant change.	All WHC existing facilities All existing WHC PC34 facilities All WHC existing facilities All WHC existing facilities	WHC-SP-1175 WHC-SP-1175 WHC-SP-1175 WHC-SP-1175	Yes Yes Yes Yes	Continues Continues Continues Continues	No No No No	Yes Yes Yes Yes
10c(3) Assessment of NPH (NPH effects)	- The NPH assessments and NPH design of new facilities and the evaluation of existing facilities <u>shall</u> consider all potentially damaging natural phenomena and their effects. - For example, all effects of earthquakes including earthquake ground shaking and earthquake-induced fault offset, liquefaction, slope instability, lateral spreading, and subsidence; all effects of tornadoes including wind pressure, tornado-generated missiles, and atmospheric pressure change; or all effects of flooding including water depth, local precipitation, dynamic impact of water, erosion, and impact of floating debris <u>shall</u> be considered. - Simultaneous occurrence of most NPH events need not be assumed. However, where events have a cause and effect relationship, their combination <u>must</u> be considered as per paragraph 10a(1).	All WHC facilities All WHC facilities All WHC facilities	WHC-CN-1-12 WHC-CN-1-12 WHC-CN-1-12	Yes Yes Yes	Continues Continues Continues	No No No	Yes Yes Yes
10d(1) Other Requirements	Facilities or sites which have SSCs in PC2 (with hazardous material), PC3 or PC4 shall have instrumentation or other means to detect and record the occurrence and severity of seismic events.	All WHC PC234 facilities	WHC-SP-GN-ER-30036	No	TBD	No	Yes

Table 3-1. Master Compliance Matrix for DOE Order 5480.28.

DOE 5480.28 Paragraph	DOE 5480.28 Requirements	Affected Facilities	Implementing Documents	Compliance Achieved	Compliance Schedule	Waiver Needed	Additional Funds
10d(2) Other Requirements	Facilities or sites which have SSCs in PC3 or PC4 shall have procedures to inspect the facility for damage following an NPH event, to place the facility into a safe configuration when damage occurs, and to document and report such damage.	All WHC PC34 facilities	TBD	No	TBD	No	Yes
11a Implementing	Steps Necessary to Implement NPH Mitigation Requirements (given in paragraph 10):	All WHC facilities	WHC-SP-1175	Yes	Continues	No	Yes
11a(1) Implementing	Perform site-specific studies of site characteristics or evaluate existing data for site characteristics related to NPH and augment with site-specific studies where needed in accordance with the latest applicable DOE standard.	All WHC facilities	WHC-SD-4236A -11-002 WHC-SD-GN -11-501	Yes	Completed	No	No
11a(2) Implementing	- Establish performance categories for SSCs using a graded approach. - Performance categorization of SSCs shall be performed in accordance with the latest (interpreted as "final") applicable DOE standard.	All WHC facilities	WHC-SP-1175	Yes	Completed	No	No
11a(3) Implementing	Perform NPH assessment of the site in accordance with the applicable DOE standard.	All WHC facilities	WHC-SP-1175	Yes	Continues	No	Yes
11a(4) Implementing	Design and construct or evaluate SSCs.	All WHC facilities	WHC-SD-4236A -11-002 WHC-SD-GN -11-501	Yes	Completed	No	No
11a(5) Implementing	Establish a prioritized schedule for evaluation and upgrade of existing facilities.	All WHC existing facilities	WHC-CH-1-12	No	TBD	No	Yes
11d(4) Implementing	The implementation plan for evaluation and upgrade of existing SSCs (see paragraph 11a(5)) shall be completed and submitted to the PSD within 1 year of the effective date of the last (interpreted as "final") applicable standard.	All WHC existing facilities	WHC-SP-1175	No	TBD	No	Yes

4.0 IMPLEMENTATION GUIDES AND TECHNICAL STANDARDS

4.1 DOE IMPLEMENTATION GUIDES AND STANDARDS

DOE Order 5480.28 explicitly invokes certain second-tier documents as requirements. These documents with referenced DOE Order 5480.28 Sections follow.

SEN-35-91, Nuclear Safety Policy (9-9-91). This policy document establishes DOE intent in the areas of management, technical competency, safety goals, oversight and self-assessment, and safety culture. Specific implementing requirements are contained in DOE Orders and Directives. (Reference Section 3.a.)

DOE Order 5480.23, Nuclear Safety Analysis Reports (4-10-92). This order establishes requirements for safety analyses that evaluate the adequacy of the safety bases of facilities. Implementation of this order is addressed in WHC-SP-1164, Busche, D.M., WHC Safety Analysis Reports and Technical Safety Requirements Upgrade Program (September 1995). (Reference Section 3.a.)

DOE Order 6430.1A, General Design Criteria (4-6-89). This order established codes, loads, and special design requirements for nonreactor DOE facilities. Implementation of the order is achieved through existing WHC procedures and the review of new and revised WHC procedures. (Reference Section 10.0.)

UCRL-15910, Design and Evaluation Guidelines for DOE Facilities Subjected to Natural Phenomena Hazards (6-90). This is now superseded by DOE-STD-1020-94. (Reference Section 10.a(1).)

ICSSC RP-3, Guidelines for Identification/Mitigation of Seismically Hazardous Existing Federal Buildings (1989). Development of RP-3 was sponsored by the Federal Emergency Management Agency (FEMA). It contains "rollup" fields for a national database that monitors compliance with Executive Order 12699 on seismic safety for new construction. This implementation plan includes the rollup fields and describes a WHC database that will be compatible with FEMA. (Reference Section 10.a(4)(c).)

DOE Notice 5480.5, Imposition of Proposed Nuclear Safety Requirements (1-22-92). This notice establishes a cost-effective methodology for the backfit (upgrade) of existing DOE facilities found to be out of compliance with current requirements. This implementation plan addresses this order in the evaluation phase. (Reference Section 10.a(4)(d).)

DOE standards normally describe only acceptable methods and processes but do not establish requirements. All or part of the provisions in a standard can become requirements if a DOE requirements document explicitly states they are requirements or a commitment is made to meet a standard. Attachment 1 to DOE Order 5480.28 invokes five applicable technical standards as mandatory.

DOE-STD-1020-94, Natural Phenomena Hazards Design and Evaluation Criteria for DOE Facilities (April 1994). This standard gives design and evaluation criteria for NPH affects as guidance in implementing the NPH mitigation requirements of DOE Order 5480.28. The standard also provides acceptable methodology for determining the structural capability of SSCs subjected to seismic, wind, and flood hazards. The criteria apply to the design of new facilities and to the evaluation of existing facilities and may be used for the modification and upgrade of existing facilities.

DOE-STD-1021-93, Natural Phenomena Hazards Performance Categorization Guidelines for Structures, Systems, and Components (July 1993). This standard provides guidelines for selecting PCs and recommends systematic procedures for consistent application of guidelines and implementation of a graded approach.

DOE-STD-1022-94, Natural Phenomena Hazards Site Characterization Criteria (March 1994). This standard provides general and detailed requirements and methodology for site characterization leading to the acquisition of needed site-specific NPH information.

DOE-STD-1023-95, Natural Phenomena Hazards Assessment Criteria (September 1995). This standard provides general and detailed criteria for NPH assessments, for the construction of hazard curves, and for establishing adequate design basis load levels.

DOE-STD-1024-92, Guidelines for Use of Probabilistic Seismic Hazard Curves at Department of Energy Sites (December 1992). This standard provides guidance in the use of the seismic hazard curves developed by the Lawrence Livermore National Laboratory and the Electric Power Research Institute. Experience has shown that application of these methodologies can yield significantly different results. In response to this issue, a Seismic Working Group has been formed to coordinate the application of these methodologies within DOE in a consistent manner. The position developed by the group and contained in this standard is intended for immediate use in developing seismic hazard estimates at DOE sites for the evaluation of new and existing nuclear and non-nuclear DOE facilities.

In addition, guidance on the format and minimum content of implementation plans is contained in DOE-STD-1082-94, Preparation, Review, and Approval of Implementation Plans for Nuclear Safety Requirements (October 1994). This is a general standard for the preparation, review, and approval of implementation plans and contains expectations common to all implementation plans.

4.2 WHC IMPLEMENTATION GUIDES AND STANDARDS

This implementation plan is the main WHC control document that specifically addresses compliance with DOE Order 5480.28. The plan is supported by the following WHC studies, plans, and criteria.

Webb, A. B. and Conrads, T. J., WHC-SD-GN-RD-30011 Rev 0, Proposed Correlation of DOE Safety Classes, Performance Categories, and Design Requirements (December 1994). This position paper expands on the

methodology of DOE-STD-1021 and provides background on the development of the correlation of PCs to the existing process of SSC safety classification used by WHC.

Reidel, S. P. and Moore, C. J., WHC-SD-GN-ER-30036 Rev 0, Hanford Site Seismic Monitoring Instrumentation Plan (February 29, 1996). This document describes the WHC compliance plan for NPH detection requirements contained in DOE Order 5480.28, Section 10.d(1).

Tallman-1, A. M., WHC-SD-W236A-TI-002 Rev 1, Probabilistic Seismic Hazard Analyses, DOE Hanford Site, Washington (March 4, 1996). This document is a compilation of the probabilistic, site-specific seismic characterization data, and seismic design loads prepared under contract by Geomatrix.

Tallman-2, A. M., WHC-SD-GN-TI-501 Rev 0, Natural Phenomena Hazards, Hanford Site, South-Central Washington (April 16, 1996). This revision presents the latest probabilistic, site-specific NPH seismic, wind, flood, ashfall, and lightning design loads.

Conrads-2, T. J., WHC-SD-GN-ER-30038 Rev 0, Volcanic Ashfall Loads for the Hanford Site (April 4, 1996). This document presents risk-reduction factors prepared under contract by EQE International.

Conrads-3, T. J., WHC-SD-GN-DGS-30006 Rev 1, Guidelines for Assessing the Seismic Adequacy of Existing Performance Category Equipment at the Hanford Site (April 5, 1996). This revision updates criteria for new NPH design loads.

Conrads-4, T. J., WHC-CM-1-12 Rev 0, Engineering Design and Evaluation (Draft 1996). This criteria applies to the design of new facilities, modification of existing facilities, and NPH evaluation of existing facilities. The criteria implements DOE-STD-1020 and replaces Hanford Plant Standard SDC 4.1.

Conrads-5, T. J., WHC-SD-GN-ER-30037 Rev 0A, Procedure for Prioritization for Natural Phenomena Hazards Evaluations of Existing DOE Facilities (June 10, 1996). This procedure complies with DOE Order 5480.28.

Hayenga, J. L., WHC-SD-SQA-CSWD-501, Rev 0, "DOE Order 5480.28 Hanford Facilities Database," (September 1996), Westinghouse Hanford Company, Richland, WA.

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5.0 COMPLIANCE BASELINE

A baseline is an agreed-to condition. A compliance baseline identifies the degree of compliance with each requirement at a point in time. For credibility, baselines should be documented and should reference those documents that justify compliance.

5.1 ESTABLISH THE COMPLIANCE BASELINE

A seven-step methodology is used to establish the compliance baseline. Steps (a) through (d) are completed. Commitments for completion of steps (e) through (g) are in Section 6.0.

- (a) Establish the NPH Requirement Compliance Baseline. The applicable requirements in DOE Order 5480.28 are shown in Table 3-1. The status of compliance and the report documenting compliance are also identified in the table.
- (b) Specify the Work Control Documents. To assure compliance, work is controlled with plans, procedures, and completion reports. These work control documents are identified in Table 3-1. This plan is the primary work control document implementing DOE Order 5480.28 and follows the guidance provided in DOE-STD-1082. The purpose and content of second-tier work control documents are described in paragraph 4.2.
- (c) Identify Facility-Specific Requirements. Compliance with sitewide procedure requirements is achieved without facility-specific information. This implementation plan is an example of compliance with a procedure requirement in DOE Order 5480.28, Section 11.d(4). As discussed in paragraph 3.4 and identified in Table 3-1, other requirements are facility specific, and compliance is achieved only after data about a particular facilities is obtained. Table 3-1 categorizes each requirement as either sitewide or facility specific.
- (d) Analyze the Facility-Specific Requirements. Based on the facility-specific requirements, an analysis of the data needed is shown in Table 5-1. Information should address the requirements of the DOE Order and, also, be compatible with FEMA reporting guidelines. Additional data not specially required by the order or FEMA is needed to control the collection of or support the needed information. The table identifies the requirement for the data and the primary source of the needed data.
- (e) Develop a Facility/SSC NPH Compliance Database. The computerized database has been developed (Hayenga). Data required for the completion of Table 5-1 are contained in the database. These data can be stored and accessed as required to support the prioritization phase, the evaluation phase, and the upgrade phase.

- (f) Prioritized Facilities for NPH Vulnerability. Prioritization criteria and a NPH Facility Prioritization Worksheet are in Section 8.0. Based on data in the initial facility compliance database, worksheets were prepared and each facility prioritized for NPH vulnerability. Next, program managers and/or landlords reviewed, corrected, completed, and approved worksheets for their facilities. The facility/SSC NPH compliance database is updated from the returned worksheets.
- (g) Establish the Facilities NPH Compliance Baseline. The facilities compliance baseline summarizes the facilities database. This baseline identifies the status of compliance of individual facilities with DOE Order 5480.28 and, also, with Executive Order 12699. This baseline is sorted and reported by priority in paragraph 5.2 and by program in the appendices.

5.2 MATRICES IDENTIFYING THE FACILITY BASELINE

To be determined. This section will describe the facilities NPH compliance baseline and the appendices containing the facilities NPH compliance database sorted by programs and then facilities.

5.3 MAINTENANCE OF THE COMPLIANCE BASELINE

The compliance baseline changes over time. In the beginning all requirements are identified, but few are shown to be complied with. Periodically, the baseline is updated to reflect additional requirements where compliance has been achieved. This process of updating continues until compliance is achieved for all requirements.

This implementation plan is the vehicle that will be used to periodically update the compliance baseline. It will be revised at 1-year intervals thereafter.

Table 5-1. Facilities Natural Phenomena Hazard Compliance Database Structure.

DATABASE FIELDS	ENTER	FIELD REQUIRED BY			SOURCE OF DATA
		FEMA	5480.28	Other	
SITE IDENTIFICATION State County Agency Site name Number of facilities	Code Name Code Name No.	Yes Yes Yes Yes			Constant WA -- TBD DOE Hanford Site -- TBD
SORT DATABASE 1st by RESPONSIBLE CONTRACTOR then 2nd on USING PROGRAM					
FACILITY IDENTIFICATION Area location Facility number Facility name	Name No. Name	Yes Yes		Prioritization Prioritization Prioritization	FacilitiesCORE FacilitiesCORE FacilitiesCORE
FACILITY CLASSIFICATION New or Existing Type: bldg, mobile, etc Nuclear or Non-nuclear Occupancy class Essential Historic Status: active, surplus, etc.	N/E Code Code Code Code Code Code		Sec 10 Sec 3a Sec 5a	Prioritization	FacilitiesCORE 1H Safety Fire FacilitiesCORE
OCCUPANT IDENTIFICATION Owned, leased, other Responsible contractor Facility manager Using programs	Code Name Name Name		Sec 4 Sec 4	Accountability Entry Funding	FacilitiesCORE FacilitiesCORE FacilitiesCORE
DESIGN HISTORY Building code used Year code issued Year construction complete Year last modified Year last evaluated Evaluation document number Margin of safety	Code Year Year Year Year No. No.	Yes		Prioritization Prioritization Prioritization Prioritization Prioritization	FacilitiesCORE
FACILITY DESCRIPTION Covered floorspace Number of floors Foundation soil type Substructure type Superstructure type	m ² No. Code Code ATC-21	Yes Yes Yes Yes Yes		Prioritization Prioritization	FacilitiesCORE
FACILITY CONDITION Foundation soil Substructure Superstructure Exterior (non-structural) Interior (non-structural) Structural accidents ATC rating	Code Code Code Code Code Code Score			Prioritization Prioritization Prioritization Prioritization Prioritization	
SAFETY IMPORTANCE Number of occupants Number of visitors Hazardous materials Hazard category Hazard class Safety class Performance category FEMA high risk code SC-1 SSCs SAR document number	No. No. Name No. Code No. No. Code No. No.	Yes	Sec 11a(5) Sec 3a Sec 3a Sec 3a Sec 3a Sec 10b Sec 7f	Prioritization Prioritization Prioritization Order 5480.23 Order 5481.1B Prioritization	FacilitiesCORE SAR SAR SAR SAR

Table 5-1. Facilities Natural Phenomena Hazard Compliance Database Structure. (continued)

DATABASE FIELDS	ENTER	FIELD REQUIRED BY			SOURCE OF DATA
		FEMA	5480.28	Other	
MISSION IMPORTANCE Top program using facility Importance to program Year program ends Other affected programs Restore if damaged?	Name Code Year No. Y/N		Sec 11a(5)	Prioritization Prioritization Prioritization Prioritization	FacilitiesCORE
COST IMPORTANCEDefer to evaluation phase		Yes	Sec 11a(5)		
NPH PRIORITIZATION Unimportant PCO facility Performance category score Occupant considerations Facility condition score Existing analysis score Total score Inherently rugged	Y/N No. No. No. No. No. Y/N		Sec 11a(5) Sec 11a(5)	Prioritization Prioritization Prioritization Prioritization	
NPH EVALUATION Seismic hazard Wind hazard Volcanic ashfall hazard Flood hazard Lightening hazard Evaluation report number Evaluation report complete NPH qualified/deficient	Code Code Code Code Code No. Date O/D	Yes Yes	Sec 10 Sec 10 Sec 10 Sec 10 Sec 10 Sec 10 Sec 10		WHC-SD-GN-ER-501 WHC-SD-GN-ER-501 WHC-SD-GN-ER-501 WHC-SD-GN-ER-501 WHC-SD-GN-ER-501
BASELINE (full compliance) Exemption New facility started New modification started Qualified by evaluation Qualified by upgrade Approved deviation	Code Date Date Date Date Date	Yes	Sec 9a Sec 11d(3) Sec 11d(3) Sec 10a Sec 10a Sec 9b		
COMMITMENTS (for compliance) Evaluation procedure Evaluation priority Evaluation scheduled start Evaluation scheduled complete Upgrade scheduled start Upgrade scheduled complete	Code No. Date Date Date Date	Yes	Sec 11a(5) Sec 11a(5) Sec 11a(5) Sec 11a(5) Sec 11a(5)		WHC-CM-1-12

6.0 COMMITMENTS

Commitments are the additional activities planned to meet requirements. The combination of baseline activities and commitments is a list of all activities necessary and sufficient to achieve full compliance.

The level of detail provided allows clear interpretation of the intent of the commitment but does not include daily activities reflected in facility-specific procedures. Milestones and schedules associated with commitments are proposed in Section 10.0. The WHC commitment tracking process is discussed in Section 13.0.

6.1 MOBILIZATION PHASE COMMITMENTS

The seven-step methodology used to establish the compliance baseline is described in paragraph 5.1. The first four steps were completed during the mobilization phase and are reported in this interim implementation plan.

6.2 PRIORITIZATION PHASE COMMITMENTS

The additional activities planned for accomplishment during the prioritization phase are defined by the last three steps of the methodology plus the "other requirements" of DOE Order 5480.28, Sections 10.d(1) and 10.d(2).

- (e) Develop a Facility/SSC NPH Compliance Database. The computerized database (Hayenga) has been established. The database will be completed when the data from the vulnerability assessment and prioritization are entered.
- (f) Prioritize Facilities for NPH Vulnerability. The NPH compliance database is maintained as current until full compliance with DOE Order 5480.28 is achieved. At the end of the prioritization phase, the database is updated, based on prioritization worksheets prepared by program managers and landlords for their facilities. This activity is completed when a preliminary sort of the database is done by priority and sent to the program managers and landlords for review.
- (g) Establish the Facilities NPH Compliance Baseline. The final additional activity planned for the prioritization phase is revision and updating of this implementation plan. The revised implementation plan will report the status of both the requirement and the facility compliance baselines, as well as updating every section of the implementation plan.
- (h) Install NPH Detection Instrumentation. Procure, install, and operate seismic monitoring instrumentation in accordance with WHC-SD-GN-ER-30036 (Reidel, Moore).

- (i) Train Post-NPH Response Team. Train selected personal in post-NPH reentry and damage assessment procedures developed during the prioritization phase.

6.3 EVALUATION PHASE COMMITMENTS

To be determined. This section will be prepared when this interim implementation plan is revised at the end of the prioritization phase.

6.4 UPGRADE PHASE COMMITMENTS

To be determined. This section will be reported in yearly revisions to the implementation plan at the end of the prioritization phase.

7.0 GRADED APPROACH

10 CFR 830.3 defines a graded approach as a process by which the level of analysis, documentation, and actions necessary to comply with a requirement ... are commensurate with the following.

- Relative importance to safety, safeguards, and security (risk)
- Magnitude of any hazard involved
- Life cycle stage of a facility
- Programmatic mission of a facility
- Particular characteristics of a facility
- Any other relevant factor.

Note: Costs, resource assessment, NPH detection, and post-NPH procedures are the relevant factors considered in this implementation plan.

The additional activities proposed in Section 6.0; as well as the level of depth, rigor, and thoroughness in accomplishing them; are determined by applying the graded approach described here. The basis for the graded approach used in this implementation plan is the classification shown in Table 7-1 of facilities/SSCs in terms of their hazard category, safety class, and PC.

After classification of facilities/SSCs, the graded approach is established in work control documents that stipulate the level of effort needed to accomplish activities and comply with requirements. The basis for the graded approach and the work documents implementing it are discussed in the following sections.

7.1 NATURAL PHENOMENA HAZARD ASSESSMENT AND CHARACTERIZATION

The magnitude of any hazard [item (2) of the definition] is measured in terms of its size and type. The graded approach to hazard mitigation starts with determination of the magnitude of the unmitigated hazard. The DOE requirements and the status of assessing and characterizing NPH are discussed in paragraph 8.1

In addition to NPH, dangerous materials present a hazard to DOE facilities. The magnitude of an unmitigated nuclear hazard at DOE facilities is categorized in accordance with DOE Order 5480.23. The magnitude of an unmitigated hazard due to other dangerous materials located at DOE facilities is categorized in accordance with DOE Order 5481.18. The determination of the hazard category is included in safety analysis reports. This hazard category nomenclature is used in DOE-STD-1021-93 and also shown in Table 7-1.

7.2 PERFORMANCE CATEGORIES

DOE Order 5480.28 establishes five PCs for SSCs depending on their safety, mission, and cost significance [items (1), (4) and (6) of the definition]. Evaluation of the significance of these items depends on an

understanding of the hazard, the life cycle, and facility particulars [items (2), (3) and (5) of the definition]. Requirements governing this graded approach are contained in DOE Order 5480.28 (Sections 10.b and 12) and DOE-STD-1021-93.

- Safety significance is determined in safety analyses implementing DOE Orders.
- Programmatic importance is judged based on direction received in the plant execution guidance from DOE and/or as identified by the operations divisions in conjunction with their DOE counterpart.
- Cost, except for low value and unimportant SSCs, is seldom known during the prioritization phase. Cost becomes a consideration in determining PCs whenever it is known, usually during facility-specific evaluations.

Historically, WHC and predecessor operating contractors at Hanford have classified facilities/SSCs into four safety classes depending on importance to safety. Need for a correlation among these overlapping classifications and also with hazard categories was recognized early. In response, a consensus position evolved (Webb and Conrads) that expands the methodology of DOE-STD-1021-94 and defines an appropriate correlation of PCs to the existing process of SSC safety designation used by WHC. The correlation shown in Table 7-1 is the basis of the graded approach used in this implementation plan.

7.3 DESIGN AND EVALUATION CRITERIA

Design and evaluation requirements based on PCs, life cycle stage, and particular characteristics of a facility [items (3) and (5) of the definition] are contained in DOE Order 5480.28, Section 10.a, and DOE-STD-1020-94.

In order to comply with these requirements and assure a graded approach, the WHC-CM-1-12 manual was issued with three objectives.

- Integrate the new NPH requirements with existing DOE and other requirements governing design and evaluation of facilities/SSCs
- Limit requirements and NPH criteria to those applicable to Hanford
- Stipulate the appropriate level of depth, rigor, and thoroughness in complying with requirements

This manual provides structural criteria governing the design of new facilities/SSCs, modifications to existing facilities/SSCs, and evaluation of existing facilities/SSCs if required.

7.4 NATURAL PHENOMENA HAZARD DETECTION AND POST-NATURAL PHENOMENA HAZARD PROCEDURES

Requirements for NPH detection and post-NPH procedures [item (6) of the definition] are contained in DOE Order 5480.28, Section 10.d. These requirements apply only to PC2, PC3, and PC4 facilities and sites.

Detection of NPH requires that instrumentation or other means are provided to detect and record the occurrence and severity of seismic events. A plan (Reidel and Moore) has been approved that will implement NPH detection requirements.

Post-NPH procedures govern inspection of a facility for damage following an NPH event, placing a facility into a safe configuration when damage occurs and documenting and reporting the damage. Procedures complying with post-NPH requirements will be issued during the prioritization phase. This will include revising the sitewide and building response procedures to reflect the use of trained staff for post-NPH damage assessment.

7.5 RESOURCE ASSESSMENT

Resource assessments [definition item (6)] provide estimates of the monetary and nonmonetary life cycle costs of both compliance and of noncompliance. These costs are needed for performance categorization and prioritization and also provide justification for funding or for an exemption.

Resource assessment is discussed in more detail in Section 8.0, which also serves as the work control document for this effort.

7.6 PRIORITIZATION

The end item of the prioritization phase is a prioritized list for evaluation and upgrade of existing facilities/SSCs. Requirements governing prioritization are contained in DOE Order 5480.28, Section 11.a(5). Life safety, mission importance, and resource minimization [items (1), (4) and (6) of the definition] are the stated bases for prioritization. Evaluation of these items depends on an understanding of the hazard, the life cycle, and facility particulars [items (2), (3) and (5) of the definition]. Prioritization is discussed in more detail in Section 8.0.

Note: These same parameters are used to establish performance categories. Prioritization of NPH puts a higher priority on life safety and provides a finer ranking of facilities/SSCs than found in the five performance categories. A procedure (Conrads-5) for prioritization for NPH evaluation of existing DOE facilities has been released.

Table 7-1. Graded Approach and Performance Categorization.

Facility Type	Reactor or PSD designated	Hazardous or Essential Nonreactor Facility		General Facilities	No Safety Function
Hazard Category (2)	HC-1	HC-2	HC-3	Radiological	
Hazard Class (3)		High (HH)	Moderate (MH)	Low (LH)	

Categorizing the Hazard as depicted above does not directly influence the safety classification process for the category

Structures, Systems, Components, Safety Designation and Mitigating Features	Safety Class (4)		Safety Significant (4)		General Services
	Performs or preserves reactor safety function	Prevents or mitigates rad. consequences above risk guidelines to:	Prevents or mitigates toxic chemical or oxidative consequences above risk guidelines to:	Worker safety: personnel and services involved in injury response controlled by ISP (5) to:	Occupant and worker safety services provided by building code and ISP (3)
	Offsite public	Offsite public (toxic only)	Onsite worker (rad. & toxic chemical)	Facility worker	Any occupant
	SC-1 (6)		SC-2 (6)	SC-3 (6)	Non-safety Class (6)
Mission Importance	Mission Importance Criteria TBD			Historic or UBC essential	Not essential
Cost Imp.	Cost Importance Criteria TBD				
Performance Category (1,7)	PC4	PC3	PC2	PC1	PC0
	Goal 1X10 ⁻⁴	Goal 1X10 ⁻³	Goal 5X10 ⁻⁴	Goal 1X10 ⁻²	No Goal

Note: 1. DOE Program Secretarial Officer (PSO) may designate a facility to a higher PC.
 2. Hazard category (HC) for nuclear facilities per DOE Order 5400.23 drives the level and rigor of FSAR analysis and its references.
 3. High, medium and low hazard class (HH, MH & LH) for non-nuclear facilities per DOE Order 5481.1B.
 4. Safety class and safety significant classification per WHC-OH-4-46 Rev 2, chapter 9.0.
 5. Institutional safety program (ISP) protecting against standard industrial hazards per DOE-STD-3009
 6. Obsolete Westinghouse Manion Company (WMC) safety class (SC) per WHC-OH-4-46 Rev 1, chapter 9.0. These designations no longer apply, but are still contained in existing safety equipment lists and reference documentation until they can be revised.
 7. Performance goal and PC per DOE 5400.20.

8.0 PRIORITIZATION

8.1 PRIORITIZATION PROCESS

The large inventory of existing buildings and structures at the Hanford Site precludes simultaneous evaluation for NPH effects. As part of the graded approach, prioritization will result in the ranking of existing buildings and structures for the purpose of allocation of resources to those buildings and structures determined to be most important and vulnerable. The process, in compliance with DOE Order 5480.28, will result in a prioritized list of buildings and structures for future NPH evaluation. This section establishes the process to be used for the prioritization of NPH evaluations.

Guidance on the minimum goals of prioritization are contained in DOE-STD-1082.

- Give primary attention to controlling and reducing risks to the public, the environment, and the workers to acceptable levels.
- Consider available information from safety analyses and other sources and use a graded approach to the acquisition of new data.
- Address programmatic constraints of time, funding, and mission when developing schedules.
- Accommodate changes at later dates.

Specific requirements governing prioritization contained in DOE Order 5480.28, Section 11.a(5) are:

- Screen and rapidly identify sites of greatest vulnerability to NPH effects
- Direct initial efforts to existing buildings and structures that are of greatest importance in terms of safety, mission, and costs
- Eliminate from further consideration existing buildings and structures with low probability of NPH vulnerability due to their inherent ruggedness or benign site conditions.

The NPH prioritization puts a higher priority on life safety and provides a finer ranking of existing buildings and structures than found in the five performance categories in Table 7-1 and described in paragraph 7-2. The prioritization process used in this implementation plan is an outgrowth of a procedure (Conrads-1 and -2) developed with consultation and cooperation from Westinghouse government-owned, contractor-operated sites.

8.2 WORKSHEET DEVELOPMENT

The process of prioritizing existing buildings and structures for future NPH evaluation will be accomplished during the prioritization phase of implementation. A worksheet, Table 8-1, will be completed for appropriate

buildings and structures on the Hanford Site under the management and control of WHC, ICF KH, and BCSR. The four-step procedure to be used in completing the worksheet follows.

Step 1. Screen Sites for NPH Vulnerability. The first step in the prioritization process, rapid identification of sites and areas of greatest vulnerability to NPH effects, has been completed for the Hanford Site. Probabilistic NPH assessments and characterization of each site must be completed early. Based on the NPH characterization criteria developed, sites and areas of no or low NPH risk are eliminated from further consideration.

The NPH at Hanford include earthquake, wind/tornado, flood, volcanic ashfall, and lightning. New stringent requirements governing the assessment and characterization of NPH are contained in DOE Order 5480.28 (Section 10.c), DOE-STD-1022-94, and DOE-STD-1023-95. Site-specific NPH assessments have been completed for the Hanford Site. Based on these assessments, NPH characterization criteria were developed and are documented in:

- Tallman-1, A. M., WHC-SD-W236A-TI-002 Rev 1, "Probabilistic Seismic Hazard Analyses, DOE Hanford Site, Washington"
- Tallman-2, A. M., WHC-SD-GN-ER-501 Rev 0, "Natural Phenomena Hazards, Hanford Site, South-Central Washington"
- Conrads-2, T. J., WHC-SD-GN-ER-30038 Rev 0, "Volcanic Ashfall Loads for the Hanford Site"

These documents indicate a higher level of NPH risk than shown in earlier Hanford design criteria. Facilities/SSCs built to previous Hanford design criteria met previous criteria, usually with generous margins of safety. However, because of the new criteria, existing facilities/SSCs may be considered at risk until they are evaluated in accordance with the current NPH criteria contained in DOE-STD-1020 and WHC-CM-1-12 (Conrads-4).

Based on the NPH characterization criteria, no area within the Hanford Site can be simply eliminated from further consideration because of no or low NPH risk. Except for flood, all areas within the Hanford Site have relatively the same vulnerability to NPH effects.

Step 2. Screen Out Unimportant Buildings and Structures. The next step in the prioritization process is identifying unimportant existing buildings and structures, documenting the process, and then eliminating the unimportant buildings from further consideration.

Unimportant buildings and structures are designated PCO and do not require NPH qualification or mitigation. These are defined as nonhazardous, unoccupied, low value, and nonessential buildings and structures where NPH is not an issue. The PCO buildings and structures must meet all of the following unimportance criteria:

- No hazardous material contained or stored within
- No permanent occupants
- No current or future mission
- No requirement nor intent to restore or replace.

Examples of PCO building or structure include an unused guardhouse awaiting a decision on deactivation, a deactivated substation visited on a regular basis only by security, and structures currently being deactivated or decommissioned.

Note: As shown in Table 7-1, PCO is a more-limited application than the obsolete nonsafety class (sometimes called SC-4) designation which included both PC1 and PCO. The NPH and other structural design and evaluation criteria apply only to PCO SSCs in "3-over-1" situations. That is, when failure or damage to a PCO SSC in an accident or NPH event could jeopardize a higher-PC-level SSC, the criteria governing the higher-level PC is used for the design evaluation of the PCO SSC.

Step 3. Prioritize Important Buildings and Structures. Existing buildings and structures not designated PCO are important and are prioritized for evaluation based on the following priority factors.

- Performance Category
- Occupancy Considerations
- Facility Condition
- Existing Analysis

For each priority factor, a building or structure is assigned a numerical score (0 to 10), and the unweighted scores are added to generate the total score. Higher scores signify a higher priority for possible future NPH evaluation.

Performance Categories

DOE Order 5480.28 requires that, for the purposes of NPH design and evaluation, facilities/SSCs be placed in one of five performance categories. Performance categories are established for facilities/SSCs on the basis of their safety, mission, and cost significance. Performance categories are the basis for the graded approach used in this implementation plan, and are discussed in paragraph 7.2.

Performance categorization is considered appropriate for scaling the potential impact of an NPH event on an existing building or structure. Prioritization scores for the potential building/structure hazard are assigned, based on the following PCs.

<u>Performance Category</u>	<u>Score</u>
PC4	10
PC3	5
PC2	3
PC1	1
PCO	0

Occupant Considerations

The higher PCs (PC4, PC3, and PC2) are mostly concerned with the risks to the offsite population and to onsite personnel. For example, PUREX would probably be designated as a PC3 building; whereas, an office building is typically designated as a PC1 structure. Occupancy considerations in this prioritization process emphasize the life safety of workers, visitors, and possibly other occupants of a building.

The occupancy loading of a building is representative of the relative risk to building occupants due to structural failure or collapse during or after a NPH event. Occupancy is taken as the number of people continuously occupying the building for more than 2 hours.

Prioritization scores are assigned based on the maximum allowed building occupancy, N. That is, the sum of the normal shift staff plus visitors in conference rooms, auditoriums, etc.

<u>Occupancy N</u>	<u>Score</u>
N > 100	10
10 ≤ N ≤ 100	5
1 ≤ N < 10	1
0	0

Facility Condition

Facility condition encompasses the design capacity of the facility for NPH loads and any degradation of the structure or the foundation that may have reduced that capacity. Buildings and structures normally deteriorate with age or are modified to accommodate a new mission. The rate of deterioration is a function of the maintenance program and any unusual historical structural incidents such as accidents, restorations, and modifications. With nominal maintenance and no major structural incident, and for the purpose of prioritization for NPH evaluation, the facility can be assumed to deteriorate as follows.

- First 5 years. Facility condition should be considered like new.
- Age 6-10 years. Facility condition should be considered good.
- Age 11-25 years. Facility condition should be considered marginal.
- After 25 years. Facility condition should be considered poor.

If the facility has experienced a serious structural accident or major modification, the above deterioration schedule may not be conservative. In this case a field walkdown to determine the facility condition is indicated. A widely recognized methodology has been developed by the Applied Technology Council (ATC) and endorsed by the Federal Emergency Management Agency (FEMA). This approach is set forth in:

Applied Technology Council, "Rapid Visual Screening of Buildings for Potential Seismic Hazards", (ATC-21, also issued by the Federal Emergency Management Agency as FEMA 155, July 1988).

The procedure is a ranking process to develop the relative capacity of structures to prioritize their detailed evaluation or to determine if detailed evaluation is even necessary. A primary evaluation criteria under this methodology is based on the type of structure. The ATC-21 identifies 12 building categories and the relative seismic resistance of each type.

The historical performance of these classifications of structures is known and includes assessment of degradation mechanisms such as rusting of structural steel frames, mortar degradation in masonry structures, wood rot, etc. This methodology assigns a rating based on the sum of values assigned to evaluation attributes. The higher the ATC rating, the greater the inherent seismic and other NPH resistance.

Prioritization scores for the facility condition are assigned, based on facility age when there has been no serious structural accident. If there has been a serious structural accident, then the prioritization score should be based on the ATC-21 ratings. If that is not feasible, a prioritization score of 10 should be assigned. The schedule for scoring is as follows.

Facility Age	ATC-21 Rating	Facility Condition	Score
>25 years	<0	Poor	10
25-11	0-3	Marginal	5
10- 6	>3	Good	1
<5		Like new	0

Existing Analysis

The methodology of NPH evaluation, especially for seismic loads, has evolved significantly over the past 20 years. Consequently, the quality of an evaluation of a structure's capability to adequately resist NPH loads is largely a function of its age. Other important quality considerations are whether the evaluation uses the correct NPH criteria and codes and has been or can be verified. A four-tier classification is used to describe the quality of NPH structural documentation.

- Poor. Documentation has not been found or is greater than 20 years old. The 20-year-old analysis restriction is based on the issue of the 1976 Uniform Building Code (UBC) where unified seismic analysis methodology was promulgated.
- Marginal. Documentation exists and is dated after 1976. Such analyses may or may not comply with NPH requirements found in WHC-CM-1-12 (Conrads-4).
- Verified. Documentation exists, was performed after 1990, and has been verified by external review. UCRL-15910, issued June 1990, contained the mandatory NPH methodology and a graded approach on which DOE Order 5490.28 is built. These quality evaluations approach compliance with NPH requirements of WHC-CM-1-12.
- Acceptable. Documentation exists and is supported by retrievable, verifiable calculations that comply with NPH requirements in WHC-CM-1-12. Such an evaluation was performed to currently

acceptable methods, acceptable NPH levels (current seismic response spectra, ANSI or equivalent wind speeds, etc.), and consensus codes (ASME, AISC, ACI, etc.).

Care should be taken that the entire structure and foundation have been adequately evaluated. Where several NPH structural and geotechnical reports exist, the documentation classification should reflect the quality of the least adequate of the necessary evaluations.

The condition of documentation is important mainly for the higher performance categories, PC4, PC3, and PC2. External review (e.g., DOE, DNFSB) of NPH designs and evaluations is typically performed only on the higher PC facilities/SSCs. On the other hand, analyses for PC1 facilities/SSCs can be assumed as acceptable, based on the completion of construction in accordance with the UBC.

Prioritization scores for existing analyses are assigned based on the quality of documentation and on the PC as follows.

Documentation Quality	PC3,4	PC2	PC1
Poor	10	5	0
Marginal	5	3	0
Verified	1	1	0
Acceptable	0	0	0

Step 4: Elimination of Inherently Rugged Buildings and Structures. The final step in the prioritization process is described in Section 11.a(5) of DOE Order 5480.28:

"Areas where SSCs might not be vulnerable to NPH effects due to inherent ruggedness or benign site conditions can be identified and eliminated from further consideration."

The approach used in this implementation plan is to identify a conservative cutoff value of the prioritization score that separates inherently rugged buildings and structures from less rugged facilities that require NPH evaluation.

To be inherently rugged the facility condition must be "good" or "like new," and the existing analyses must be "verifiable" or "acceptable." To be conservative, the building occupancy should be nine persons or less. The maximum and minimum prioritization scores considering these restraints are in Table 8-2.

Table 8-1. Natural Phenomena Hazards Prioritization Worksheet.

BUILDING/STRUCTURE	Name:	Number:
Floor Area (m ²):	Location:	Program:

SCREENING	NO	YES	IF YES, EXPLAIN	
Any hazardous materials?			Type Material.... Hazard Category... UNC Safety Class... SAR Document No..	
Any permanent occupants?			Remaining life for facility...	
Any present or future mission?			Importance to program.....	
Any intent to restore or replace in event of NPH damage?			Estimated cost to restore/replace	> \$10,000,000 < \$10,000,000

IF ALL ANSWERS ARE "NO", FACILITY IS UNIMPORTANT. MARK BOX PCO AND STOP.

IF ANY ANSWER IS "YES", FACILITY IS IMPORTANT. CONTINUE AND COMPLETE PRIORITIZATION WORKSHEET.

PRIORITIZATION		DATA	RATING	SCORE
Performance Category	Circle applicable boxes on PERFORMANCE CATEGORIZATION worksheet (Table 7-1). Circled box furthest to left determines PC designation. Attach table.		PC designation:	
Building Occupancy	Day shift workers..... Visitors and others.....		Max occupancy:	
Facility Condition	Year built..... Type construction..... Serious structural accidents? ATC-21 rating.....		POOR MARGINAL GOOD LIKE NEW	
Existing NPH Analyses	Document Number..... Date of Document..... Building Code used..... Date of Code.....		POOR MARGINAL VERIFIABLE ACCEPTABLE	

PRIORITY FOR NPH EVALUATION (equals the sum of the scores).....

MANAGER APPROVAL	Signature:	Date:
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Table 8-2. Prioritization Scores for Inherently Rugged Facilities.

Performance Category	PC4	PC3	PC2	PC1
CUT-OFF SCORES for: Performance Category	10	5	3	1
Building Occupancy	n/a (10 exceeds limit)	0	Pick 2 (not 3)	1
Facility Condition		0		1
Existing Analysis		0		0
RUGGED RANGE	None	5	5 to 3	3 to 1
FULL RANGE	40 to 10	35 to 5	28 to 3	21 to 1

The cutoff prioritization score, "5", is selected to eliminate inherently rugged buildings and structures. No PC4 facilities are eliminated from evaluation since their minimum score is 10. A PC3 facility must be unoccupied, like new, and with acceptable documentation to be eliminated. For a PC2 facility to have a score of 5 or less, it must be unoccupied, like new, or have acceptable documentation. Because the scores for both building occupancy and facility condition go 0, 1, 5, 10; only PC1 facilities with scores of "1" for these prioritization factors can be eliminated.

It is the intent of this prioritization process to identify buildings and structures with scores of 5 or less as inherently rugged and to eliminate them from further NPH consideration. Since this is the stated intent of DOE Order 5480.28, no waiver will be requested.

9.0 RESOURCE ASSESSMENT

Resource assessments provide estimates of the monetary and nonmonetary life cycle costs of both compliance and noncompliance with DOE Order 5480.28. The goals of assessments are:

- Communicate the expected new costs of implementation for performance categorization, prioritization, and budget planning
- Explore more cost-effective means of achieving compliance
- Identify cases where exemptions should be requested on the basis of insufficient benefit versus the expected implementation costs.

The effort used to develop the resource assessment is limited to only that level of detail necessary to achieve these goals. Assessments are guided as much as possible by readily available, relevant quantitative and qualitative information.

9.1 ASSESSMENT METHODOLOGY

Considerations to be included in a resource assessment are suggested in DOE-STD-1082. The eight-step methodology presented below is based on these considerations. Steps (a) through (e) are repeated for each phase. The last three steps are facility specific and are completed during the evaluation phase.

- (a) Bases for Assessment. The additional activities proposed to achieve full compliance with DOE Order 5480.28 are identified in Section 6.0. The assessment depends on the scope of these activities. Size, quantities, boundaries, constraints, assumptions, and other considerations affecting the assessment should be stated along with justification for their use.
- (b) Alternative Selection. Alternative, feasible means of compliance are to be identified. The rationales for rejection and selection should be provided.
- (c) Additional Program Costs. An estimate of the costs for the proposed activities is to be developed. These costs are additional to existing program budgets.

During the mobilization, prioritization, and evaluation phases, program operations are uninterrupted and life cycle costs are not a consideration. However, during the upgrade phase, facilities may be shutdown or program operations may be affected. After the upgrade is completed, operations and operating costs may be different than before. Consequently, the estimate (made during the evaluation phase) of additional funds needed for upgrade is dependant on the difference between the pre- and post-upgrade life cycle cost.

- (d) Availability of Resources. Estimates of monetary costs and schedules can be affected by the available nonmonetary resources. The scarcity or abundance of skilled labor, needed materials, and special services should be determined and any adverse impact on costs or schedules identified.

Facility-specific information on plant conditions, configurations, and processes is another important consideration for upgrade estimates (made during the evaluation phase).

- (e) Sources of Funding by Fiscal Year. After considering the availability of resources, an estimate of funds needed in each fiscal year is tabulated. These funds are then allocated to programs. The impact of nonavailability of funds should be discussed.
- (f) Value of Expected Benefits. The benefits of compliance are equal to the monetary and nonmonetary costs that would be incurred if a NPH event occurred prior to compliance. Figures of merit for these costs are lives jeopardized, days of mission downtime, and cost of facility rehabilitation.

The purpose of quantifying these benefits is to establish the cost benefit of compliance leading to a decision on whether to mitigate or to waive requirements of DOE Order 5480.28. These are facility-specific decisions and will be made during the evaluation phase.

- (g) Cost Benefits of Compliance. In this implementation, the cost benefits of compliance are measured by the ratios of the cost of compliance (from step a) to value of the expected benefits (from step d). In order of importance, these ratios are:

- \$ per life not jeopardized
- \$ per day of mission downtime avoided
- costs of compliance to costs of rehabilitation.

This is applicable to the evaluation phase [see step (f) above].

- (h) Request for Exemption. An insufficient benefit versus the expected implementation costs provides a basis for an exemption request.

This is applicable to the evaluation phase [see step (f) above].

9.2 MOBILIZATION PHASE RESOURCE ASSESSMENT

The mobilization phase for DOE Order 5480.28 has been completed. During FY95, overhead funds were spent on this phase.

9.3 PRIORITIZATION PHASE RESOURCE ASSESSMENT

(a) Bases for Assessment. The additional activities proposed to be accomplished in the prioritization phase are identified in paragraph 6.2. The amount of work to be done in prioritization is a function of the number of existing facilities, the availability of information, and the time to acquire and process missing data.

(b) Alternative Selection. The alternative, feasible means of prioritizing the existing facilities that were considered follow.

- Alternative 1. Outsource all activities in the prioritization phase under the direction of Nuclear Safety Regulatory Compliance (NSRC).

Rejected. The coordination and cooperation of the 14 programs/landlords would be difficult to obtain. There would be a schedule slip in contracting the outsources. However, for the evaluation and upgrade phases, outsourcing is an attractive alternative.

- Alternative 2. The NSRC with the assistance of BCSR prioritizes all facilities using only data already available in the existing databases.

Rejected. Prioritization would be less able to identify the most-vulnerable facilities. Much work would be deferred to the evaluation phase, and the total cost of compliance would likely increase.

- Alternative 3. Accomplish all activities with in-house contractors (WHC, ICF-KEH, and BCSR) under the direction of WHC Nuclear Safety Regulatory Compliance (NSRC).

Selected. This alternative provides a defensible prioritization, and can issue an implementation plan within a year of the effective date of DOE Order 5480.28.

(c) Additional Program Costs. The commitments identified and described in paragraph 6.2 define the additional work to be done during the prioritization phase. Using the bases for assessment and the selected alternative 3, the additional program cost estimate of \$604,000 for FY 1997 was developed.

(d) Availability of resources. Labor and computing time are the main nonmonetary resources needed for prioritization.

- Experienced engineers and computing specialists are available at Hanford.
- Work stations and/or the BCSR mainframe computer are available.

There is no scarcity of resources and no adverse impact anticipated on costs and schedules.

- (e) Sources of Funding by Fiscal Year. Assuming approval of this implementation plan and availability of funds by 10/1/96, the additional program cost needed is \$604,000 in FY 97.

The needed funds for the prioritization phase could be allocated to programs and landlords in proportion to the number of their important facilities. (See Table 2-1 above). Table 9-1 shows the approximate percentage of costs which could be allocated to each program.

- (f) Value of Expected Benefits. Not applicable to the prioritization phase.
- (g) Cost Benefit of Compliance. Not applicable to the prioritization phase.
- (h) Request for Exemption. Not applicable to the prioritization phase.

9.4 EVALUATION PHASE RESOURCE ASSESSMENT

To be determined. This section will be prepared when this implementation plan is updated at the end of the prioritization phase.

9.5 UPGRADE PHASE RESOURCE ASSESSMENT

To be determined. This section will be reported in yearly revisions to the implementation plan after the end of the prioritization phase.

Table 9-1. Allocation of Additional Program Costs.

Program or Landlord	Alloc.	FY 97
Tank Waste Remediation System (TWRS)	52.8%	
Solid Waste Operations Complex (SWOC)	20.3	
340 Waste Handling Facility	0.3	
K Basins	0.7	
Fuel Supply Shutdown Facility (FSSF)	0.7	
Fast Flux Test Facility (FFTF)	0.7	
B Plant	0.3	
PFP	3.0	
PUREX	0.3	
308 Building and Fuel Storage Annex	0.7	
222-S Laboratory Complex	0.3	
UO ₃ Storage Facility	0.3	
Landlord facilities	<u>19.7</u>	<u> </u>
Totals	100.0%	\$ 604K

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10.0 MILESTONES AND SCHEDULES

The milestones and achievable schedules proposed in this section are based on and consistent with earlier sections of this implementation plan.

- DOE Order 5480.28 becomes immediately in force at the effective date of the last applicable standard. As discussed in paragraph 2.1, the in-force date is established by RL. The order also requires submittal of an implementation plan within 1 year of the in-force date.
- Proposed milestones correspond one-for-one with the additional activities in Section 6.0. Deliverables defining closure of WHC milestones are also identified.
- Facility-specific NPH vulnerability is a consideration only in the evaluation and upgrade phases. (See Section 8.0)
- Estimates of needed funding are shown in Section 9.0. No major impacts to activities or commitments outside the scope of this plan have been identified.

On approval and funding of the implementation plan, the milestones and schedules shown in this section are enforceable commitments. The WHC commitment tracking (WCT) system is discussed in Section 13.0. Tracking numbers for milestones are shown below.

10.1 MOBILIZATION PHASE MILESTONES AND SCHEDULE

The mobilization phase for DOE Order 5480.28 has been completed. This implementation plan describes accomplishments and the status.

10.2 PRIORITIZATION PHASE MILESTONES AND SCHEDULE

The proposed milestones to be completed during the prioritization phase and a completion schedule with a May 15, 1996 (Kellogg) in-force date are in Table 10-1.

10.3 EVALUATION PHASE MILESTONES AND SCHEDULE

To be determined. This section will be prepared when this interim implementation plan is revised at the end of the prioritization phase.

10.4 UPGRADE PHASE MILESTONES AND SCHEDULE

To be determined. This section will be reported in yearly revisions to the implementation plan after the end of the prioritization phase.

Table 10-1. Proposed Prioritization Phase Milestones and Schedule.

Tracking Number	Milestone (Deliverable End Item)	Schedule
NPH-P1	Funding for Prioritization Phase available	10-1-96
NPH-P2	Prioritize Facilities for NPH Vulnerability (Letter report: database sorted by priority)	5-15-97
NPH-P3	Establish Facilities NPH Compliance Baseline (WHC-SP-1175: implementation plan, rev 1 submitted to DOE)	5-15-97
NPH-P4	Install NPH Detection Instrumentation (Operating and maintenance procedures)	9-26-97
NPH-P5	Train Post-NPH Response Team and Alter Emergency Procedures (Notice: names, duties, qualifications)	4-15-97
NPH-P6	Submittal of implementation plan to RL and funding requirements for Evaluation Phase available	5-15-97

11.0 EXEMPTIONS

No exemptions are requested at this time. During the evaluation and upgrade phases, conditions may be discovered that warrant exemptions.

If an exemption or deviation is requested in the future, the request will comply with requirements of Section 9 of DOE Order 5480.28.

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12.0 COMPENSATORY ACTIONS

Compensatory actions are temporary actions taken to provide adequate protection of individuals and environment prior to full implementation of requirements. This section describes the compensatory actions taken or to be taken prior to full implementation of DOE Order 5480.28.

12.1 New Facilities/SSCs

The definition (Wise) of a new facility/SSC used in this implementation plan is:

A new facility/SSC is one in which Conceptual Design is started after the effective date of DOE Order 5480.28. Facilities/SSCs in the planning, engineering study, and preconceptual design stage on or after the effective date of DOE Order 5480.28 are new facilities/SSCs. Facilities/SSCs that have started Conceptual Design prior to the effective date of DOE Order 5480.28 are existing facilities/SSCs.

It is also recommended by WHC (Wise-2) that the effective date be defined as 60 days following the issue of WHC-CM-1-12.

No compensatory actions are required. The WHC-CM-1-12 manual integrates the new Hanford NPH characterization criteria with DOE Order 5480.28 and other structural requirements. The design of new facilities/SSCs and new modifications to existing facilities/SSCs to WHC-CM-1-12 criteria will be in compliance with DOE Order 5480.28.

12.2 EXISTING BUILDINGS AND STRUCTURES

The NPH characterization criteria developed in accordance with DOE Order 5480.28 (Section 10.c), DOE-STD-1022-94, and DOE-STD-1023-95 indicate a higher level of risk than earlier Hanford design criteria. Facilities or SSCs built to previous Hanford design criteria met previous criteria, usually with a generous margin of safety. However, these existing facilities/SSCs may or may not be at risk until they are evaluated in accordance with the new NPH criteria contained in WHC-CM-1-12.

Compensatory actions are being taken in accordance with the phased approach described in paragraph 1.2.

- Existing buildings and structures are prioritized as described in Section 9.0 to determine the degree of risk in the event of a NPH occurrence.
- Those items of importance are evaluated in accordance with WHC-CM-1-12, in order of prioritization, and at the rate of funding approval.

- If an existing structure is found to be out of compliance with DOE Order 5480.28, the structure will either be recommended to be upgraded or a wavier requested.

Both the prioritization and the evaluation processes include a "trigger" that singles out any structure/SSC as soon as it is discovered to have a known unacceptable high risk. This section of subsequent issues of the implementation plan will identify these structures and describe available options for recovery.

13.0 TRACKING

The computer-based WCT system is used to record, track, and report the status of WHC commitments. The commitments are described in Section 6.0. Milestones and a completion schedule associated with these commitments are proposed in Section 10. On approval and funding of the implementation plan, these milestones and the completion schedule are enforceable commitments. The WCT system tracking numbers have been assigned for milestones and are shown in Section 10.0. The reports from the WCT system are used to control work, and the status of commitments will be included in periodic revisions to the implementation plan.

The WCT system is described and governed by WHC-CM-3-5, *Document Control and Records Management Manual*, 12.9, "Correspondence and Commitment Control."

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14.0 REFERENCES

14.1 REQUIREMENTS DOCUMENTS

- 10 CFR Part 830, "Nuclear Safety Management", Code of Federal Regulations.
- 42 US Code 7701 *et seq*, "Earthquake Hazards Reduction Act of 1977."
- DOE Order 420.1, "Facility Safety" (1995), U.S. Department of Energy, Washington, DC.
- DOE Order 5480.23, "Nuclear Safety Analysis Reports" (4-10-92), U.S. Department of Energy, Washington, DC.
- DOE Order 5480.28, "Natural Phenomena Hazards Mitigation" (1-15-93), U.S. Department of Energy, Washington, DC.
- DOE Order 6430.1A, "General Design Criteria" (4-6-89), U.S. Department of Energy, Washington, DC.
- DOE Notice 5480.5, "Imposition of Nuclear Safety Requirements" (1-22-92, expires 1-22-94), U.S. Department of Energy, Washington, DC.
- DOE-STD-1020-94, "Natural Phenomena Hazards Design and Evaluation Criteria for DOE Facilities" (April 1994), U.S. Department of Energy, Washington, DC.
- DOE-STD-1021-93, "Natural Phenomena Hazards Performance Categorization Guidelines for Structures, Systems, and Components" (July 1993), U.S. Department of Energy, Washington, DC.
- DOE-STD-1022-94, "Natural Phenomena Hazards Site Characterization Criteria" (March 1994), U.S. Department of Energy, Washington, DC.
- DOE-STD-1023-95, "Natural Phenomena Hazards Assessment Criteria," (dated September 1995, released on the Internet October 1995), U.S. Department of Energy, Washington, DC.
- DOE-STD-1024-92, "Guidelines for Use of Probabilistic Seismic Hazard Curves at Department of Energy Sites" (December 1992), U.S. Department of Energy, Washington, DC.
- DOE-STD-1082-94, "Preparation, Review, and Approval of Implementation Plans for Nuclear Safety Requirements" (October 1994), U.S. Department of Energy, Washington, DC.
- Executive Order 12699, "Seismic Safety of Federal and Federally Assisted or Regulated New Building Construction" (1-5-90), the White House, Washington, DC.
- Executive Order 12941, "Seismic Safety of Existing Federally Owned or Leased Buildings" (12-1-94), the White House, Washington, DC.

Hanford Plant Standards, SDC 4.1 Rev 11, "Design Loads" (1994), DOE Richland Operations, Richland, WA.

ICSSC RP-3, "Guidelines for Identification and Mitigation of Seismically Hazardous Existing Federal Buildings" (March 1989), Interagency Committee On Seismic Safety in Construction.

ICSSC RP-4, "Standards of Seismic Safety for Existing Federally Owned or Leased Buildings" (February 1994), Interagency Committee On Seismic Safety in Construction.

ICSSC RP-5, "ICSSC Guidance on Implementing Executive Order 12941 on Seismic Safety of Existing Federally Owned and Leased Buildings" (1989), Interagency Committee On Seismic Safety in Construction.

SEN-35-91, Secretary of Energy, Nuclear Safety Policy (9-9-91), U.S. Department of Energy, Washington, DC.

UBC, "Uniform Building Code," International Conference of Building Officials, Whittier, CA.

UCRL-15910, "Design and Evaluation Guidelines for DOE Facilities Subjected to Natural Phenomena Hazards" (6-90). UCRL-15910 is now superseded by DOE Order 5480.28.

WHC-CM-3-5, "Document Control and Records Management Manual", Westinghouse Hanford Company, Richland, WA.

14.2 OTHER REFERENCES

Applied Technology Council, "Rapid Visual Screening of Buildings for Potential Seismic Hazards", (ATC-21, also issued by the Federal Emergency Management Agency as FEMA 155, July 1988), Applied Technology Council, Redwood City, CA.

Busche, D. M., WHC-SP-1164, "WHC Safety Analysis Reports and Technical Safety Requirements Upgrade Program" (September 1995), Westinghouse Hanford Company, Richland, WA.

Conrads-1, T. J., WHC Ltr 9650233, "Prioritization of Natural Phenomena Hazards Evaluations for U.S. Department of Energy Facilities" (January 16, 1995), Westinghouse Hanford Company, Richland, WA.

Conrads-2, T. J., WHC-SD-GN-ER-30038 Rev 0, "Volcanic Ashfall Loads for the Hanford Site" (April 4, 1996), Westinghouse Hanford Company, Richland, WA.

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- Conrads-4, T. J., WHC-CM-1-12 Rev 0, "Engineering Design and Evaluation" (1996), Westinghouse Hanford Company, Richland, WA.
- Conrads-5, T. J., WHC-SD-GN-ER-30037 Rev 0A, "Procedure for Prioritization for Natural Phenomena Hazards Evaluations of Existing DOE Facilities" (June 10, 1996), Westinghouse Hanford Company, Richland, WA.
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- Kellogg, A. W., DOE Ltr 96-PRO-118, "Implementation of the U.S. Department of Energy (DOE) Order 5480.28, Natural Phenomena Hazards Mitigation" (May 6, 1996), DOE Richland Operations Office, Richland, WA.
- Knoll-1, J. M., WHC Ltr 9358712, "DOE 5480.28, Natural Phenomena Hazards Mitigation" (October 7, 1993), Westinghouse Hanford Company, Richland, WA.
- Knoll-2, J. M., WHC Ltr 9556559, "Implementation of the U.S. Department of Energy (DOE) Order 5480.28, Natural Phenomena Hazards Mitigation" (January 3, 1996), Westinghouse Hanford Company, Richland, WA.
- Knoll-3, J. M., WHC Ltr 9601127 R1, "Implementation of the U.S. Department of Energy (DOE) Order 5480.28, Natural Phenomena Hazards Mitigation" (June 13, 1996), Westinghouse Hanford Company, Richland, WA.
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- Tallman-1, A. M., WHC-SD-W236A-TI-002 Rev 1, "Probabilistic Seismic Hazard Analyses, DOE Hanford Site, Washington" (March 14, 1996), Westinghouse Hanford Company, Richland, WA.
- Tallman-2, A. M., WHC-SD-GN-ER-501 Rev 0, "Natural Phenomena Hazards, Hanford Site, South-Central Washington" (April 16, 1996), Westinghouse Hanford Company, Richland, WA.
- Webb, A. J. and Conrads, T. J., WHC-SD-GN-RD-30011, "Proposed Correlation DOE Safety Classes, Performance Categories and Design Requirements" (December 1994), Westinghouse Hanford Company, Richland, WA.
- Wise-1, G. M., WHC Ltr 9455108 R1, "New Facility/SSC Interpretation for DOE Order 5480.28" (October 18, 1994), Westinghouse Hanford Company, Richland, WA.
- Wise-2, G. M., WHC Ltr 9653887, "Implementation of U.S. Department of Energy (DOE) 5480.28 Natural Phenomena Hazards Mitigation," (September 1996), Westinghouse Hanford Company, Richland, WA.
- Wagenblast, G. R., WHC-SD-GN-ER-503, "Procedure for Post-NPH Inspection of Buildings" (September, 1996), Westinghouse Hanford Company, Richland, WA.

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APPENDIX A
FACILITY LISTING

Facilities Listing

Appendix A
Facilities Listing WIC-SP-1175, Rev 0

Building	Description	Perfor. Category	Bldg. Code/Year	Year Built	Mission Organizational Manager	Hazardous Materials	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area		Contractor	Building Manager				SAR Number	Constur Type	Struct. Accidents	State	NPH Evaluation
1100AD	BUILDING RCHC LEASED	KEH	/	TANNER RM		173				Benton	
1135AD	BUILDING RCHC LEASED	KEH	/	TANNER RM		14				Benton	
1154	RADIO 3000 MAINTENANCE	KEH	/	TANNER, ROBE			743			Benton	
1161	NITROGEN 1100 BOTTLE FACILITY	ADM	/	11/87 DAHLIN, ERIC MEYER, RICHA			45			Benton	
1162	FLAMMABLE 1100 MATERIAL	ADM	/	11/87 DAHLIN, ERIC MEYER, RICHA		2	827			Washington	
1163	CENTRAL 1100 WAREHOUSE	KEH	/	11/87 TANNER, ROBE			16894			Benton	
1164	HAZARDOUS 1100 STORAGE	ADM	/	04/81 DAHLIN, ERIC MEYER, RICHA			186			Washington	
1167	GENERAL 1100 STORES	ADM	/	10/53 DAHLIN, ERIC MEYER, RICHA		8	3346			Benton	
1167A	EXCESS 1100 SALVAGE	ADM	/	07/61 DAHLIN, ERIC MEYER, RICHA		8	203			Washington	

Building	Description	Perfor. Category	Bldg. Code/Year	Year Built	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area		Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number		Constur Type	Struc. Accidents	State	NPH Evaluation
1168	CYLINDER 1100 STORAGE	ADM	/	10/53	DAHLIN, ERIC MEYER, RICHA		382			Benton	
1169	CHEMICAL 1100 STORAGE	ADM	/	07/61	DAHLIN, ERIC MEYER, RICHA		223			Benton	
1170	BUS TERMINAL 1100 DISPATCHERS	KEH	/	12/54	CICCONI, RIC TANNER, ROBE	20	619			Benton	
1171	MAIN 1100 TRANSPORTATION	KEH	/	12/54	WOODS, JAY F TANNER, ROBE	129	8807			Benton	
1171C	SPARE PARTS 1100 STORAGE SHED	KEH	/				93			Benton	
1172A	SERVICE STATION 1100	KEH	/	11/81	MEYER, RIC MEYER, RICHA		28			Benton	
1173	MOTOR STORES 1100 BUILDING	KEH	/	12/54	CICCONI, RIC TANNER, ROBE		299			Benton	
1175	STORAGE 1100	KEH	/	05/68	WOODS, JAY F TANNER, ROBE		223			Benton	
1176	TIRE STORAGE 1100 BUILDING	KEH	/	03/64	WOODS, JAY F TANNER, ROBE		74			Benton	
1177	STORAGE 1100 BUILDING	KEH	/	06/54	WOODS, JAY F TANNER, ROBE		71			Benton	

Appendix A
Facilities Listing WHC-SF-1175, Rev 0

Building	Description	Perfor. Category	Bldg. Code/Year	Year Built	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area		Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number		Constur Type	Struct. Accidents	State	NPH Evaluation
1179	ROAD CREW 1100 STORAGE	KEH	/	CICCONI, RIC	TANNER, ROBE	317				Benton Washington	
1200	JAD BUILDING - TCPC RC11C	KEH	/	TANNER RM						Benton Washington	
1205	MOTOR FUEL 3000 PUMP ISLANDS	KEH	/	TANNER, ROBE			558			Benton Washington	
1209	CURRENTLY 3000 BEING USED BY	KEH	/	TANNER, ROBE			104			Benton Washington	
1211	SANDBLAST 3000 FACILITY	KEH	/	DIETERLE, STE			84			Benton Washington	
1226	HEAVY 3000 EQUIPMENT	KEH	/	TANNER, ROBE			876			Benton Washington	
1227	OIL STORAGE 3000	KEH	/	TANNER, ROBE			89			Benton Washington	
1235	BOTTLED GAS 3000 STORAGE	KEH	/	TANNER, ROBE			65			Benton Washington	
1240	FABRICATION 3000 SHOP	KEH	/	TANNER, ROBE			4284			Benton Washington	
1241	PLATE SHOP 3000	KEH	/	TANNER, ROBE			520			Benton Washington	

Building	Description	Perfor. Category	Bldg. Code/Year	Year Built	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area		Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number		Constur Type	Struct. Accidents	State	NPH Evaluation
1242	COMPRESSOR 3000 SIOP	KEH	/	TANNER, ROBE		89				Benton	
1252	WAREHOUSE 3000 AND SAFETY	KEH	/	TANNER, ROBE		1366				Washington	
1253	COMBUSTIBLE 3000 MATERIAL	KEH	/	TANNER, ROBE		124				Benton	
1256	ADMINISTRATION 3000 BUILDING	KEH	/	TANNER, ROBE		942				Washington	
1262	ADMINISTRATION 3000 AND	KEH	/	TANNER, ROBE		565				Benton	
1264	OFFICE BUILDING 3000	KEH	/	TANNER, ROBE		836				Washington	
1506K1	FIBER OPTICS 100K COMPUTER HUT	BCS	/			48				Benton	
150KE	HEAT RECOVERY 100K FACILITY	SNF	/	03/55 SIDDOWAY, DE		88				Washington	
150KW	HEAT RECOVERY 100K FACILITY	SNF	/	03/55 SIDDOWAY, DE		88				Benton	
1512N	GAS BOTTLE 100N STORAGE	KEH	/	WITHERSPOON,		19				Washington	

Building Description	Perfor. Category	Bldg. Code/Year	Year Build	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Constur Type	Accidents	Struct.	State	NPH Evaluation
1515N MULTICRAFT 100N SHIP	KEH	/	02/83	WITHERSPOO WITHERSPOON,		446			Benton	
1516N CARPENTER 100N SHIP	KEH	/		WITHERSPOO WITHERSPOON,		45			Washington	
1517N PAINT 100N SHIP/LABORER	KEH	/		WITHERSPOO WITHERSPOON,		74			Benton	
1518N ELECTRICAL 100N SHIP	KEH	/		MARTIN, RIC WITHERSPOON,		74			Washington	
1519N FITTERS SHIP 100N	KEH	/		STAIR, JEFFRE WITHERSPOON,		74			Benton	
151B PRIMARY 100B SUBSTATION	KEH	/	12/44	FRITZ, ROBER DEBBAN, HERB		610			Washington	
151D PRIMARY 100D SUBSTATION	KEH	/	12/44	FRITZ, ROBER DEBBAN, HERB		550			Benton	
1614K3 ENVIRONMENTAL 100K L MONITORING	SNF	/	04/55	THOMPSON, C SIDDOWAY, DE		6			Washington	
165KE POWER 100K CONTROL	SNF	/	03/55	MILLER, CHA SIDDOWAY, DE		4907			Benton	
1705KE EFFLUENT 100K WATER	SNF	/	07/62	MILLER, CHA SIDDOWAY, DE		51			Washington	

Building	Description	Perfor. Category	Bldg. Code/Year	Year Built	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area		Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number		Constur Type	Struct. Accidents	State	NPH Evaluation
1706KE	WATER STUDIES 100K SEMIWORKS	TWR	/	03/55	THOMPSON, C ERMOLD, LEON	3	1041			Benton	
1706KE	DEVELOPMENT 100K LABORATORY	TWR	/	04/63	THOMPSON, C ERMOLD, LEON		625			Benton	
1706KE	WATER STUDIES 100K RECIRCULATION	TWR	/	03/55	THOMPSON, C ERMOLD, LEON		1074			Benton	
1711KE	SHOP BUILDING 100K	SNF	/	03/49	MILLER, CHA SIDDOWAY, DE		74			Benton	
1713KW	WAREHOUSE 100K	SNF	/	03/49	MILLER, CHA SIDDOWAY, DE		28			Benton	
1714KE	OIL AND PAINT 100K STORAGE SHED	SNF	/	03/55	MILLER, CHA SIDDOWAY, DE		18			Benton	
1717K		SNF	/	03/55	MILLER, CHA SIDDOWAY, DE					Benton	
1720K	OFFICES AND 100K TELEPHONE	SNF	/	03/55	MILLER, CHA SIDDOWAY, DE		344			Benton	
1802TD	BUILDING - RCHC LEASED	KEH	/		TANNER RM	29				Benton	
1804TD	BUILDING - RCHC LEASED	KEH	/		TANNER RM	20				Benton	

Building Description	Perfor. Category	Bldg. Code/Year	Year Built	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Constur Type	Struct. Accidents	State	NPH Evaluation	
1806TD BUILDING - RCHC LEASED	KEH	/	TANNER RM		29				Benton	Washington
1808TD BUILDING - RCHC LEASED	KEH	/	TANNER RM		16				Benton	Washington
1810TD BUILDING - RCHC LEASED	KEH	/	TANNER RM		3				Benton	Washington
1812TD BUILDING - RCHC LEASED	KEH	/	TANNER RM		1				Benton	Washington
1814TD BUILDING - RCHC LEASED	KEH	/	TANNER RM		2				Benton	Washington
1816TD BUILDING - RCHC LEASED	KEH	/	TANNER RM						Benton	Washington
1818TD BUILDING - RCHC LEASED	KEH	/	TANNER RM		4				Benton	Washington
181B RIVER PUMP 100B HOUSE, SERVES	KEH	/	DEBBAN, HER	12/44		1183			Benton	Washington
181D RIVER PUMP 100D HOUSE, SERVES	KEH	/	DEBBAN, HER	12/44		796			Benton	Washington
181KE RIVER PUMP 100K HOUSE	SNF	/	SIDDOWAY, DE	03/55					Benton	Washington

Building	Description	Perfor. Category	Bldg. Code/Year	Building Manager	Year Buildt	Mission Organizational Manager	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area		Contractor					Hazardous Materials	SAR Number	Constur Type	Struct. Accidents	State	NPH Evaluation
1820TD	BUILDING RCHC LEASED	KEH	/	TANNER RM			18				Benton	
182B	RESERVOIR AND 100B PUMP HOUSE	KEH	/	DEBBAN, HER	12/44	DEBBAN, HERB	4	1366			Washington	
182D	RESERVOIR AND 100D PUMP HOUSE	KEH	/	DEBBAN, HER	12/44	DEBBAN, HERB		1366			Benton	
183.1KE	HEADHOUSE/CHL. 100K ORINE	SNF	/		03/55	SIDDOWAY, DE		34			Washington	
183.1KW	HEADHOUSE/CHL. 100K ORINE	SNF	/		03/55	SIDDOWAY, DE		34			Benton	
183.5KE	LIME FEEDER 100K BUILDING	SNF	/		03/55	SIDDOWAY, DE		86			Washington	
183.6KE	LIME FEEDER 100K BUILDING	SNF	/		03/55	SIDDOWAY, DE		86			Benton	
183.6KW	LIME FEEDER 100K BUILDING	SNF	/		03/55	SIDDOWAY, DE		86			Washington	
183D	FILTER PLANT 100D POWER	KEH	/	DEBBAN, HER	12/44	DEBBAN, HERB	4	6055			Benton	
183KE	FILTER PLANT 100K HEAD HOUSE,	SNF	/	MILLER, CHA	03/55	SIDDOWAY, DE	4	1741			Washington	

Building Description	Perfor. Category	Bldg. Code/Year	Year Build	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Constur Type	Accidents	State		NPH Evaluation
1901Y 600	KEH	/							Benton	
1908KE EFFLUENT 100K WATER	SNF	/	04/55	MILLER, CIAA SIDDOWAY, DE		14			Washington	
190KE MAIN PUMP 100K HOUSE	SNF	/	03/55	EBBESON, LJE SIDDOWAY, DE	2	4427			Benton	
1979SNY 1979 SNYDER RCIN	KEH	/		TANNER RM	48				Washington	
1981SNY 1981 SNYDER RCIN	KEH	/		TANNER RM	1				Benton	
201W INSTRUMENT 200W BUILDING SE	PSS	/		LOONEY, CLA DILIBERTO, AN		36			Washington	
2025E EFFLUENT 200E TREATMENT	PSS	/		WURZ, RICHIA DILIBERTO, AN	53	3717			Benton	
2025EA EFFLUENT 200E TREATMENT	KEH	/	12/94	GONZALES, RI DILIBERTO, AN	47	1208			Washington	
2025ECT1 ETF LCU 200E BUILDING	PSS	/	06/95	DILIBERTO, AN		11			Benton	
202A PUREX CANYON 200E AND SERVICE	TRP	/	12/55	HAMRICK, DO HAMRICK, DOU	47	17555			Washington	

Building Description	Perfor. Category	Bldg. Code/Year	Year Build	Mission	Occupants (Number)	Area in ²	ATC-21 Rating	Priority Score	County	Number Stories	NPH Evaluation
Area	Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Constur Type	Struct. Accidents	State			
203A ACID PUMP 200E HOUSE	TRP	/	12/55	HAMRICK, DO HAMRICK, DOU		76			Benton Washington		
204AR WASTE 200E UNLOADING	TWR	/	01/82	RAVENCRAFT WICKS, JAMES		238			Benton Washington		
206A VACUUM ACID 200E FRACTIONATOR	TRP	/	12/55	HAMRICK, DO HAMRICK, DOU		118			Benton Washington		
207BA CBC SAMPLER 200E BUILDING	TRP	/	06/87	HEINEMAN, R MIDGETT, JOE		6			Benton Washington		
209E TANK FARM 200E WASTE SUPPORT	TWR	/		GARNER, LISA WICKS, JAMES	27	742			Benton Washington		
210IM SPARE PARTS 200E WAREHOUSE,	KEH	/	10/53	GONZALES, RITANNER, ROBE	88	15736			Benton Washington		
210A OIL DRUM 200E STORAGE, PUREX	KEH	/		HAMRICK, DO HAMRICK, DOU		67			Benton Washington		
211A CHEMICAL 200E MAKE UP TANK	TRP	/	11/55	HAMRICK, DO HAMRICK, DOU		271			Benton Washington		
211BA BCE 200E NEUTRALIZATIO	TRP	/	04/91	SMITH, DONA MIDGETT, JOE		139			Benton Washington		
211BB MOTOR 200E CONTROL	TRP	/	08/92	HEINEMAN, R MIDGETT, JOE		7			Benton Washington		

Building Area	Description	Perfor. Category	Bldg. Code/Year	Year Built	Mission Organizational Manager	Occupants (Number)	Area in 2	ATC-21 Rating	Priority Score	County	Number Stories
Area		Contractor	Building Manager			Hazardous Materials	SAR Number	Constur Type	Struct. Accidents	State	NPH Evaluation
211T52	211T 200W INSTRUMENT	PSS	/	07/90	HAMILTON, WI		13			Benton	
212A	FISSION 200E PRODUCT LOAD	TRP	/	03/60	HAMRICK, DO HAMRICK, DOU		36			Benton	
212S	COVERED GAS 200W CYL STORAGE	TWR	/	05/91	ERMOLD, LEON		79			Benton	
213A	FISSION 200E PRODUCT LOAD	TRP	/	01/61	HAMRICK, DO HAMRICK, DOU		48			Benton	
213K	SODIUM 600 STORAGE	ADM	/							Benton	
213W	WASTE 200W COMPACTOR	TWR	/	08/85	DAILIN, ERIC MEYER, RICHIA		80			Benton	
214A	PUREX 200E WAREHOUSE	TRP	/	03/86	REBER, DAVI WICKS, JAMES		94			Benton	
214T	CIEMCIAL 200W STORAGE	PSS	/	09/86	HAMRICK, DO HAMRICK, DOU		143			Benton	
216A271	VALVE CONTROL 200E HOUSE	TWR	/	01/58	WRIGHT, MAL HAMILTON, WI		9			Benton	
216Z9B	OPERATOR'S 200W CUBICLE 216Z9	PSS	/	12/75	SPARKS, DAVI WICKS, JAMES		12			Benton	
					BURKS, DAVI VOGT, ERIC C					Washington	

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Building Description	Perfor. Category	Bldg. Code/Year	Year Build	Mission Organizational Manager	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Constur Type	Struct.	Accidents	State	NPH Evaluation
217B DEMINERALIZATI 200E ON BUILDING	TRP	/	10/54	HEINEMAN, R MIDGETT, JOE		45			Benton	
219S RAD WASTE 200W STAGING &	TWR	/	08/52	KING, A G ERMOLD, LEON		27			Washington	
2200B CONSTRUCTION 200E PORTAL	KEH	/		FOUCAULT, D FOUCAULT, DA		6			Benton	
2201B CONSTRUCTION 200E ICE HOUSE	KEH	/		FOUCAULT, D FOUCAULT, DA		27			Washington	
221A KEH PIPEFITTER 200E SHOP	KEH	/		HOLLADAY, J FOUCAULT, DA		80			Benton	
221B B PLANT 200E	TRP	/	12/44	HEINEMAN, R MIDGETT, JOE		7760			Washington	
221BA COOLING WATER 200E MONITORING	TRP	/	12/67	HEINEMAN, R MIDGETT, JOE		6			Benton	
221BB PROCESS STEAM 200E AND	TRP	/	04/68	HEINEMAN, R MIDGETT, JOE		27			Washington	
221BC SWP CHANGE 200E HOUSE	TRP	/	12/67	HEINEMAN, R MIDGETT, JOE		72			Benton	
221BD LAUNDRY 200E STORAGE	TRP	/	06/65	HEINEMAN, R MIDGETT, JOE		54			Washington	

Building Description	Perfor. Category	Bldg. Code/Year	Year Built	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Constur Type	Struct. Accidents	State	NPH Evaluation	
221BE 200E FORK LIFT STORAGE	TRP	/	06/71	HEINEMAN, R MIDGETT, JOE		11		Benton	Washington	
221BF 200E CONDENSATE EFFLUENT	TRP	/	02/76	HEINEMAN, R MIDGETT, JOE		89		Benton	Washington	
221BG 200E B PLANT COOLING WATER	TRP	/	06/87	HEINEMAN, R MIDGETT, JOE		13		Benton	Washington	
221T 200W PROCESS, CANYON,	PSS	/	12/44	WRIGHT, MAL HAMILTON, WI	34	9081		Benton	Washington	
221TA 200W VENT FAN HOUSE	PSS	/	07/68	WRIGHT, MAL HAMILTON, WI		120		Benton	Washington	
222B 200E OFFICE BUILDING	TRP	/	12/44	MIDGETT, JOE MIDGETT, JOE	19	695		Benton	Washington	
222S 200W CONTROL LABORATORY	TWR	/	08/52	KING, A G ERMOLD, LEON	148	5592		Benton	Washington	
222SA 200W STANDARDS/PRO CESS DEV	TWR	/		KING, A G ERMOLD, LEON	7	418		Benton	Washington	
222SF 200W EQUIPMENT STORAGE	TWR	/	12/84	KING, A G ERMOLD, LEON		71		Benton	Washington	
222T 200W OFFICE ADMINISTRATION	KEH	/	01/44	GONZALES, RI TANNER, ROBE	1	682		Benton	Washington	

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Building Description	Perfor. Category	Bldg. Code/Year	Year Built	Mission Organizational Manager	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager			Hazardous Materials	SAR Number	Constur Type	Struct. Accidents	State	NPH Evaluation
222U OFFICE AND 200W LABORATORY	KEH	/	01/45	GONZALES, R TANNER, ROBE		698			Benton	
2244B MULTI CRAFT 200E FABRICATION	KEH	/		FOUCAULT, D FOUCAULT, DA		335			Washington	
2245B ELECTRICIAN'S 200E LUNCHROOM/OF	KEH	/		FOUCAULT, D FOUCAULT, DA		74			Benton	
2247B IRONWORKER'S 200E SHOP KEH	KEH	/		FOUCAULT, D FOUCAULT, DA		204			Washington	
224T TRANSURANIC 200W STORAGE AND	PSS	/	08/72	CRANE, PAUL HAMILTON, WI		3002			Benton	
225B WASTE 200E ENCAPSULATION	TRP	/	03/73	HEINEMAN, R MIDGETT, JOE	11	1902			Washington	
225BA K1 FILTER PIT 200E ENCAPSULATION	TRP	/	03/73	HEINEMAN, R MIDGETT, JOE		73			Benton	
225BB K3 FILTER PIT 200E ENCAPSULATION	TRP	/	03/73	HEINEMAN, R MIDGETT, JOE		74			Washington	
225BC ENCAPSULATION 200E COMPRESSOR	TRP	/	03/73	HEINEMAN, R MIDGETT, JOE		94			Benton	
225BD ENCAPSULATION 200E WASTE	TRP	/	03/73	HEINEMAN, R MIDGETT, JOE		22			Washington	

Building	Description	Perfor. Category	Bldg. Code/Year	Year Buildt	Mission	Occupants (Number)	Area in 2	ATC-21 Rating	Priority Score	County	Number Stores	NPH Evaluation
Area		Contractor	Building Manager	Organizational Manager		Hazardous Materials	SAR Number	Constur Type	Struct. Accidents	State		
225BE	ENCAPSULATION 200E MAINTENANCE	TRP	/	09/77	GONZALES, R MIDGETT, JOE	13	297			Benton		
225E	PUMP STATION 200E NO.2 & LOCAL	PSS	/	12/94	WURZ, RICHA DILIBERTO, AN		84			Benton		
225EC	LOCAL CONTROL 200E UNIT 55C-13	TRP	/	12/94	WURZ, RICHA IAMRICK, DOU		11			Benton		
225W	PUMP STATION 200W NO.1 & LOCAL	PSS	/	12/94	WURZ, RICHA DILIBERTO, AN		84			Benton		
225WA	LOCAL CNTRL 200W UNIT 55C-21	PSS	/	12/94	HAMILTON, W HAMILTON, WI		11			Benton		
225WB	LOCAL CNTRL 200W UNIT 55C-22	TWR	/	12/94	KING, A G ERMOLD, LEON		11			Benton		
225WC	INSTRUMENTATI 200W ON & LOCAL	TRP	/	12/94	BURKS, DAVI VOGT, ERIC C		28			Benton		
2261STV	2261 STEVENS RCIN DRIVE	KEH	/		TANNER RM					Washington		
2300W	ELECTRICIAN'S 200W SHOP	KEH	/		HOLLADAY, J FOUCAULT, DA		149			Benton		
2304W	PIPEFITTER'S 200W SHOP	KEH	/		HOLLADAY, J FOUCAULT, DA		112			Benton		

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Building	Description	Perfor. Category	Bldg. Code/Year	Year Build	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	State	Number Stories
Area		Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number		Constur Type	Accidents			NPH Evaluation
2306W	BOTTLE STORAGE	KEH	/	/	FOUCAULT, DA		19			Benton	Washington	
2307W	PIPEFITTER STORAGE	KEH	/	/	HOLLADAY, J FOUCAULT, DA		79			Benton	Washington	
2308W	CARPENTER'S SHOP	KEH	/	/	HOLLADAY, J FOUCAULT, DA		74			Benton	Washington	
2309W	SHEETMETAL SHOP	KEH	/	/	HOLLADAY, J FOUCAULT, DA		372			Benton	Washington	
2310W	MATERIAL STORAGE	KEH	/	/	FOUCAULT, DA		279			Benton	Washington	
231Z	MATERIALS ENGINEERING	KEH	/	12/44	GONZALES, RITANNER, ROBE		3543			Benton	Washington	
2345Z		TRP	/	06/50	VOGT, ERIC C					Benton	Washington	
2345ZA		TRP	/	10/92	VOGT, ERIC C					Benton	Washington	
234ZB	WASTE MATERIAL	TRP	/	01/45	VOGT, ERIC C		100			Benton	Washington	
236Z	PLUTONIUM RECLAMATION	TRP	/	06/64	VOGT, ERIC C		1899			Benton	Washington	

Building Description	Perfor. Category	Bldg. Code/Year	Year Build	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Constur Type	Struct. Accidents	State	NPH Evaluation	
2400E DRY MATERIAL FACILITY	TWR	/	04/87	BADDEEN, JAM WICKS, JAMES		46			Benton	
2401W MIXED WASTE STORAGE	PSS	/	04/89	CRANE, PAUL HAMILTON, WI		372			Washington	
2402W MIXED WASTE STORAGE	PSS	/	02/91	CRANE, PAUL HAMILTON, WI		372			Benton	
2402WB MIXED WASTE STORAGE	PSS	/	11/90	CRANE, PAUL HAMILTON, WI		372			Washington	
2402WC MIXED WASTE STORAGE	PSS	/	11/90	CRANE, PAUL HAMILTON, WI		372			Benton	
2402WD MIXED WASTE STORAGE	PSS	/	11/90	CRANE, PAUL HAMILTON, WI		372			Washington	
2402WE MIXED WASTE STORAGE	PSS	/	11/90	CRANE, PAUL HAMILTON, WI		372			Benton	
2402WF MIXED WASTE STORAGE	PSS	/	11/90	CRANE, PAUL HAMILTON, WI		372			Washington	
2402WG MIXED WASTE STORAGE	PSS	/	11/90	CRANE, PAUL HAMILTON, WI		372			Benton	
2402WH MIXED WASTE STORAGE	PSS	/	11/90	CRANE, PAUL HAMILTON, WI		372			Washington	
2402WI MIXED WASTE STORAGE	PSS	/	11/90	CRANE, PAUL HAMILTON, WI		372			Benton	
2402WJ MIXED WASTE STORAGE	PSS	/	11/90	CRANE, PAUL HAMILTON, WI		372			Washington	
2402WK MIXED WASTE STORAGE	PSS	/	11/90	CRANE, PAUL HAMILTON, WI		372			Benton	
2402WL MIXED WASTE STORAGE	PSS	/	11/90	CRANE, PAUL HAMILTON, WI		372			Washington	
2402WM MIXED WASTE STORAGE	PSS	/	11/90	CRANE, PAUL HAMILTON, WI		372			Benton	
2402WN MIXED WASTE STORAGE	PSS	/	11/90	CRANE, PAUL HAMILTON, WI		372			Washington	
2402WO MIXED WASTE STORAGE	PSS	/	11/90	CRANE, PAUL HAMILTON, WI		372			Benton	
2402WP MIXED WASTE STORAGE	PSS	/	11/90	CRANE, PAUL HAMILTON, WI		372			Washington	
2402WQ MIXED WASTE STORAGE	PSS	/	11/90	CRANE, PAUL HAMILTON, WI		372			Benton	
2402WR MIXED WASTE STORAGE	PSS	/	11/90	CRANE, PAUL HAMILTON, WI		372			Washington	
2402WS MIXED WASTE STORAGE	PSS	/	11/90	CRANE, PAUL HAMILTON, WI		372			Benton	
2402WT MIXED WASTE STORAGE	PSS	/	11/90	CRANE, PAUL HAMILTON, WI		372			Washington	
2402WU MIXED WASTE STORAGE	PSS	/	11/90	CRANE, PAUL HAMILTON, WI		372			Benton	
2402WV MIXED WASTE STORAGE	PSS	/	11/90	CRANE, PAUL HAMILTON, WI		372			Washington	
2402WW MIXED WASTE STORAGE	PSS	/	11/90	CRANE, PAUL HAMILTON, WI		372			Benton	
2402WX MIXED WASTE STORAGE	PSS	/	11/90	CRANE, PAUL HAMILTON, WI		372			Washington	
2402WY MIXED WASTE STORAGE	PSS	/	11/90	CRANE, PAUL HAMILTON, WI		372			Benton	
2402WZ MIXED WASTE STORAGE	PSS	/	11/90	CRANE, PAUL HAMILTON, WI		372			Washington	

Building Area	Description	Perfor. Category	Bldg. Code/Year	Year Build	Mission Organizational Manager	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories	NPH Evaluation
2402WI	RMW STORAGE 200W FACILITY #9	PSS	/	11/90	CRANE, PAUL HAMILTON, WI		372			Benton		
2402WJ	RMW STORAGE 200W FACILITY #10	PSS	/	11/90	CRANE, PAUL HAMILTON, WI		372			Washington		
2402WK	RMW STORAGE 200W FACILITY #11	PSS	/	11/90	CRANE, PAUL HAMILTON, WI		372			Benton		
2402WL	RMW STORAGE 200W FACILITY #12	PSS	/	11/90	CRANE, PAUL HAMILTON, WI		372			Washington		
2403E	DMRIIF DRY 200E BLENDED	TWR	/	04/87	BADDEN, JAM WICKS, JAMES		19			Benton		
2403EA	COMPRESSOR 200E LEANTO	TWR	/	04/87	MURKOWSKI, WICKS, JAMES		24			Washington		
2403WA	RMW STORAGE 200W FACILITY	PSS	/	10/92	CRANE, PAUL HAMILTON, WI		3160			Benton		
2403WB	RMW STORAGE 200W FACILITY	PSS	/	10/92	CRANE, PAUL HAMILTON, WI		3160			Washington		
2403WC	RMW STORAGE 200W FACILITY	PSS	/	10/92	CRANE, PAUL HAMILTON, WI		3160			Benton		
2403WD	RMW STORAGE 200W FACILITY	PSS	/	10/92	CRANE, PAUL HAMILTON, WI		5135			Washington		

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Building	Description	Perfor. Category	Bldg. Code/Year	Year Built	Year Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area		Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Constur Type	Struct. Accidents	State	NPH Evaluation	
2404E	DMRHF 200E COMPRESSOR	TWR	/	04/87	BADDEN, JAM WICKS, JAMES					Benton	
2420STV	2420 STEVENS RCIN CTR CIR	KEH	/		TANNER RM	289				Washington	
2425STV	2425 STEVENS RCIN CTR CIR	KEH	/		TANNER RM	107				Benton	
242A	EVAPORATOR 200E	TWR	/	04/77	GEARY, JAME WICKS, JAMES	21	777			Washington	
242A81	WATER SERVICE 200E BUILDING	TWR	/		WICKS, JAMES		52			Benton	
242AC	PIPEFITTERS 200E SHOP	KEH	/		DEMPSEY, KEI DEMPSEY, KEIT		74			Washington	
242AL11	LERF STORAGE 200E BUILDING	TWR	/	07/94	GEARY, JAME WICKS, JAMES		46			Benton	
242S	EVAPORATOR 200W FACILITY	TWR	/	03/74	WICKS, JAMES WICKS, JAMES					Washington	
242T	WASTE 200W DISPOSAL	TWR	/	05/51	WICKS, JAMES WICKS, JAMES		252			Benton	
242TB	VENT HOUSE 200W	TWR	/	11/73	ROSS, WILLIA WICKS, JAMES		18			Benton	
										Washington	

Building Description	Perfor. Category	Bldg. Code/Year	Year Build	Mission Organizational Manager	Occupants (Number)	Area in 2	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager			Hazardous Materials	SAR Number	Constur Type	Struct. Accidents	State	NPH Evaluation
242TC TANK FARM	TWR	/	07/80	WICKS, JAMES WICKS, JAMES					Benton	
200W MICROCOMPUTE									Washington	
242Z WASTE	TRP	/	06/64	VOGT, ERIC C VOGT, ERIC C		98			Benton	
200W TREATMENT									Washington	
242ZA MONITORING	TRP	/	05/87	VOGT, ERIC C VOGT, ERIC C					Benton	
200W BUILDING									Washington	
2430STV 2430 STEVENS	KEH	/		TANNER RM	133				Benton	
RCHN CTR CIR									Washington	
243G GROUT FACILITY	TWR	/	08/86	RAVENCRAFT WICKS, JAMES					Benton	
200E									Washington	
243G1 GROUT	TWR	/							Benton	
200E PROCESSING									Washington	
243G1A GROUT	TWR	/		RAVENCRAFT		33			Benton	
200E PROCESSING									Washington	
243G4 GPF CONTROL	PSS	/		RAVENCRAFT	1	19			Benton	
200E ROOM MODULE									Washington	
243G5 GPF STANDBY	TWR	/							Benton	
200E GENERATOR									Washington	
243G8 GPF FILTRATION	KEH	/							Benton	
200E MODULE									Washington	

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Building Description	Perfor. Category	Bldg. Code/Year	Year Build	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Constur Type	State	Struct. Accidents		NPH Evaluation
243G82 GROUT 200E PROCESSING	TWR	/				5	Benton		Benton	
243TGE 200E	TWR	/					Washington		Benton	
243Z LOW LEVEL 200W WASTE	TRP	TALBOT, MIC	12/93 VOGT, ERIC C		228		Benton		Washington	
2440STV 2440 STEVENS RCHN CTR CIR	KEH	TANNER RM			346		Washington		Benton	
244A WASTE VAULT 200E AND	TWR	/	04/77	RAVENCRAFT WICKS, JAMES	11		Washington		Benton	
244AR SLUDGE VAULT 200E STORAGE AND	TWR	/	01/68	RAVENCRAFT WICKS, JAMES	347		Benton		Washington	
244AR701 EMERGENCY 200E GENERATOR	TWR	/	06/73	RAVENCRAFT WICKS, JAMES	7		Benton		Washington	
244AR715 COMPRESSOR 200E BUILDING	TWR	/	12/87	RAVENCRAFT WICKS, JAMES			Benton		Washington	
244BX SALT WELL 200E RECEIVER VAULT	TWR	/		REBER, DAVI		13	Benton		Washington	
244S271 INSTRUMENT 200W CONTROL HOUSE	TWR	/	04/81	WICKS, JAMES	18		Benton		Washington	

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Building Description	Perfor. Category	Bldg. Code/Year	Year Build	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Constur Type	Strucl. Accidents	State	NPH Evaluation	
244U SALT WELL	TWR	/	WICKS, JAMES	WICKS, JAMES	16			Benton		
200W RECEIVER VAULT								Washington		
244UI	TWR	/	WICKS, JAMES	WICKS, JAMES				Benton		
200W								Washington		
2506E1 TELECOMMUNIC	BCS	/	08/94	ESTEY, SANDR	42			Benton		
200E ATION HUB								Washington		
2506E2 TELECOMMUNIC	BCS	/	08/94	ESTEY, SANDR	42			Benton		
200E ATIONS HUB								Washington		
2506E3 TELECOMMUNIC	BCS	/	ESTEY, SANDR	ESTEY, SANDR	42			Benton		
200E ATIONS HUB								Washington		
2506W1 TELECOMMUNIC	BCS	/	08/94	ESTEY, SANDR	42			Benton		
200W ATION HUB								Washington		
2506W2 TELECOMMUNIC	BCS	/	08/94	ESTEY, SANDR	42			Benton		
200W ATION HUB								Washington		
2506W3	BCS	/	ESTEY, SANDR	ESTEY, SANDR				Benton		
200W								Washington		
251W PRIMARY 230kV	KEH	/	12/44	FRITZ, ROBER DEBBAN, HERB	388			Benton		
600 SWITCHING					6			Washington		
252E ELECTRICAL	KEH	/	12/44	FRITZ, ROBER DEBBAN, HERB	34			Benton		
200E SWITCHING								Washington		

Building Description	Perfor. Category	Bldg. Code/Year	Year Build	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories	NPH Evaluation
Area	Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Constur Type	Struct. Accidents	State			
252S SUBSTATION 200W BUILDING 13.8KV	KEH	/	06/96	DEBBAN, HERB		75			Benton		
252W ELECTRICAL 200W SWITCHING	KEH	/	12/44			34			Benton		
254BY CONTROL HOUSE 200E	TWR	/	02/68			69			Washington		
2614E2 ENVIRONMENTA 200E L MONITORING	WAE	/		DIXON, WILLIA		5			Benton		
2614W2 ENVIRONMENTA 200W L MONITORING	WAE	/		DIXON, WILLI DIXON, WILLIA		5			Washington		
2614W4 MONITOR 200W STATION	WAE	/		DIXON, WILLI DIXON, WILLIA		5			Benton		
2614W5 ENVIRONMENTA 200W L MONITORING	WAE	/		DIXON, WILLI DIXON, WILLIA		5			Washington		
2614WD MONITORING 200W STATION	TRP	/	01/44	PAYNE, MICH HAMRICK, DOU					Benton		
267Z RISER #9 VALVE 200W HOUSE	TRP	/	06/88	VOGT, ERIC C VOGT, ERIC C					Washington		
2701AB PUREX BADGE 200E HOUSE	TRP	/	08/82	HAMRICK, DO HAMRICK, DOU		63			Benton		

Building Description	Perfor. Category	Bldg. Code/Year	Year Build	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories	NPH Evaluation
Area	Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Construc Type	Struct. Accidents	State			
2701AC PUREX PATROL 200E GUARD SHACK	TRP	/	HAMRICK, DO HAMRICK, DOU		2			Benton	Washington		
2701EC GUARD STATION 200E FOR 209E	KEH	/	GONZALES, RI TANNER, ROBE		12			Benton	Washington		
2701HV TIMEKEEPING/SE 200E CURITY	TWR	/	12/94 ERMOLD, LEON	2	167			Benton	Washington		
2701M OFFICE BUILDING 200E	KEH	/	10/53 GONZALES, RI TANNER, ROBE	29				Benton	Washington		
2701ZA CENTRAL 200W ALARM STATION	TRP	/	05/78 VOGT, ERIC C VOGT, ERIC C	210				Benton	Washington		
2701ZD PLUTONIUM 200W FINISHING	TRP	/	06/92 VOGT, ERIC C VOGT, ERIC C	204				Benton	Washington		
2702Z COMMUNICATIO 200W NS SUPPORT	BCS	/	HARDING, RO ESTEY, SANDR	28				Benton	Washington		
2703E CHEMICAL 200E ENGINEERING	TWR	/	05/83 SCHLIEBE, MI WICKS, JAMES					Benton	Washington		
2704C OFFICE 200E ADMINISTRATION	KEH	/	10/52 GONZALES, RI TANNER, ROBE	95				Benton	Washington		
2704HV TWRS OFFICE 200E BUILDING	TWR	/	12/94 ERMOLD, LEON	272	11152			Benton	Washington		

Building	Description	Perfor. Category	Bldg. Code/Year	Year Build	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area		Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Constur Type	Struct. Accidents	State	NPH Evaluation	
2704S	OFFICE BUILDING	KEH	/	07/93	GONZALES, RI ERMOLD, LEON	37	760			Benton	
200W										Washington	
2704W	OFFICE BUILDING	KEH	/	01/45	GONZALES, RI TANNER, ROBE	15	600			Benton	
200W										Washington	
2704Z	OFFICE	TRP	/	08/49	VOGT, ERIC C VOGT, ERIC C	12	363			Benton	
200W	ADMINISTRATION									Washington	
2705Z	PFP OPERATIONS	TRP	/	06/92	VOGT, ERIC C	1	102			Benton	
200W	CONTROL									Washington	
2706T	EQUIPMENT	PSS	/	12/59	WRIGHT, MAL HAMILTON, WI		309			Benton	
200W	DECONTAMINATI									Washington	
2707AR	SLUDGE VAULT	TWR	/	01/68	RAVENCRAFT WICKS, JAMES		40			Benton	
200E	CHANGE HOUSE									Washington	
2707AX	CHANGE HOUSE	TWR	/	02/65	SPARKS, DAVI WICKS, JAMES		30			Benton	
200E	AX FARM									Washington	
2707E	CHANGE HOUSE	KEH	/	12/44	GONZALES, RI TANNER, ROBE		307			Benton	
200E										Washington	
2707SX	CHANGE HOUSE	TWR	/	06/60	WICKS, JAMES WICKS, JAMES		134			Benton	
200W										Washington	
2707W	CHANGE HOUSE	KEH	/	12/44	GONZALES, RI TANNER, ROBE	27	243			Benton	
200W										Washington	

Building Description	Perfor. Category	Bldg. Code/Year	Year Built	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Constur Type	Struct. Accidents	State	NPH Evaluation	
2709A PUREX 200E RAILROAD CUT	TRP	/	HAMRICK, DO HAMRICK, DOU		19			Benton	Washington	
2709W OFFICE BUILDING 200W	KEH	/	06/65	GONZALES, RI TANNER, ROBE	173			Benton	Washington	
270Z PFP OPERATIONS 200W AND SUPPORT	TRP	/	05/89	VOGT, ERIC C VOGT, ERIC C	88	1208		Benton	Washington	
2710E COAL HANDLERS 200E SHELTER	KEH	/	12/55	DEBBAN, IER DEBBAN, IERB		24		Benton	Washington	
2710W COAL HANDLERS 200W SHELTER	KEH	/	07/69	DEBBAN, IER DEBBAN, IERB		17		Benton	Washington	
2711A AIR 200E COMPRESSOR	TRP	/	12/82	HAMRICK, DO HAMRICK, DOU		84		Benton	Washington	
2711B BREATHING AIR 200E COMPRESSOR	TRP	/	12/67	HEINEMAN, R MIDGETT, JOE		8		Benton	Washington	
2711E 2E GARAGE 200E	KEH	/	03/85	GONZALES, RI TANNER, ROBE	24	586		Benton	Washington	
2711EA REGULATED 200E EQUIPMENT	KEH	/	12/94	GONZALES, RI TANNER, ROBE		372		Benton	Washington	
2712A PUMPHOUSE 200E	TRP	/	03/86	HAMRICK, DO HAMRICK, DOU		37		Benton	Washington	

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Building Description	Perfor. Category	Bldg. Code/Year	Year Build	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Constur Type	Accidents	State	NPH Evaluation	
2712B ELECTRICAL	TRP	REBER, DAVI	MIDGETT, JOE				2	Benton	Washington	
200E INSTRUMENTATI		/						Benton	Benton	
2712T ELECTRICAL	TWR	/	WICKS, JAMES					Washington	Washington	
200W INSTRUMENTATI		/	12/44				384	Benton	Benton	
2713E OFFICE	KEH	GONZALES, RI	TANNER, ROBE					Washington	Washington	
200E ADMINISTRATION		/	12/44		5		387	Benton	Benton	
2713W GARAGE	PSS	GONZALES, RI	DILIBERTO, AN					Washington	Washington	
200W		/	12/44				572	Benton	Benton	
2713WB REGULATED	TWR	OWEN, PETER	WICKS, JAMES					Washington	Washington	
200W GARAGE AND		/					163	Benton	Benton	
2713WC PESTICIDE	KEH	/	DILIBERTO, AN					Washington	Washington	
200W WASHWATER		/	12/55				209	Benton	Benton	
2714A DRY CHEMICAL	TRP	HAMRICK, DO	HAMRICK, DOU					Washington	Washington	
200E WAREHOUSE		/	10/69				7	Benton	Benton	
2714AR SLUDGE VAULT	TWR	RAVENCRAFT	WICKS, JAMES					Washington	Washington	
200E GENERAL		/	04/52				401	Benton	Benton	
2714U WAREHOUSE	TRP	KAMMENZIN	HAMRICK, DOU					Washington	Washington	
200W		/					24	Benton	Benton	
2715B PAINT STORAGE	TRP	HEINEMAN, R	MIDGETT, JOE					Washington	Washington	
200E BUILDING		/						Benton	Benton	

Building Description	Perfor. Category	Bldg. Code/Year	Year Build	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Constur Type	Accidents	Struct.	State	NPH Evaluation
2715E STORAGE 200E BUILDING	KEH	/	12/44	GONZALES, RI TANNER, ROBE		88			Benton	
2715EA DRUM STORAGE 200E SHED	KEH	/		GONZALES, RI TANNER, ROBE		18			Washington	
2715EC PAINT SHOP 200E	KEH	/	12/83	GONZALES, RI TANNER, ROBE		93			Benton	
2715ED PAINT STORAGE 200E FACILITY	KEH	/	12/83	GONZALES, RI TANNER, ROBE		56			Washington	
2715M PAINT STORAGE 200E BUILDING	KEH	/	10/53	GONZALES, RI TANNER, ROBE		51			Benton	
2715T PAINT STORAGE 200W BUILDING	PSS	/	11/65	WRIGHT, MAL HAMILTON, WI	1	54			Washington	
2715Z OIL AND 200W SOLVENT	TRP	/	05/58	HAMRICK, DO VOGT, ERIC C		18			Benton	
2715ZL OIL STORAGE 200W BUILDING	TRP	/		VOGT, ERIC C VOGT, ERIC C		21			Washington	
2716B RM CHECKOUT 200E STATION, RR	TRP	/	06/66	HEINEMAN, R MIDGETT, JOE		20			Benton	
2716E POWER 200E MAINTENANCE	KEH	/	04/68	DEBBAN, HER DEBBAN, IHERB		74			Washington	

Building Description	Perfor. Category	Bldg. Code/Year	Year Build	Mission	Occupants (Number)	Area, m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Constur Type	Struct. Accidents	State	NPH Evaluation	
2716S LABORATORY 200W STORAGE	TWR	/	09/82	ERMOLD, LEON		139			Benton	Washington
2719E OFFICE 200E MACHINE	KEH	/	12/44	GONZALES, RI TANNER, ROBE		77			Benton	Washington
2719EA MEDICAL AID 200E STATION	KEH	/	03/81	GONZALES, RI TANNER, ROBE		139			Benton	Washington
2719WA FIRST AID 200W STATION AND	KEH	/	08/49	GONZALES, RI TANNER, ROBE	2	237			Benton	Washington
2719WB MODULAR FIRST 200W AID STATION - TE	KEH	/	05/95	GONZALES, RI TANNER, ROBE		172			Benton	Washington
271AB PUREX 200E MAINTENANCE	TRP	/	11/86	HAMRICK, DO HAMRICK, DOU	39	558			Benton	Washington
271B B PLANT 200E SUPPORT	TRP	/	12/44	HEINEMAN, R MIDGETT, JOE	93	2853			Benton	Washington
271BA LAUNDRY 200E STORAGE BLDG	TRP	/		HEINEMAN, R MIDGETT, JOE		32			Benton	Washington
271CR SERVICE AND 200E OFFICE BUILDING	TWR	/	04/52	ROSS, WILLIA WICKS, JAMES		125			Benton	Washington
271T OFFICE AND 200W SERVICE	PSS	/	12/44	WRIGHT, MAL HAMILTON, WI	108	2853			Benton	Washington

Building Description	Perfor. Category	Bldg. Code/Year	Year Build	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Constur Type	State	Struct. Accidents	NPH Evaluation	
2720W SRT PATROL 200W HQ/CHANGE	KEH	/	12/83	GONZALES, RI TANNER, ROBE	31	206	Benton		Washington	
2721E PATROL 200E HEADQUARTERS	KEH	/	12/83	GONZALES, RI TANNER, ROBE	20	847	Benton		Washington	
2721EA FIRE SYSTEMS 200E MAINTENANCE	ESQ	/	09/84	GOOD, DONA GOOD, DONAL	25	2379	Benton		Washington	
2721Z EMERGENCY 200W GENERATOR	TRP	/	10/83	VOGT, ERIC C VOGT, ERIC C			Benton		Washington	
2722E OFFICE BUILDING 200E	KEH	/	12/44	GONZALES, RI TANNER, ROBE		112	Benton		Washington	
2722W WELDING 200W LABORATORY	KEH	/	12/44	GONZALES, RI TANNER, ROBE	1	137	Benton		Washington	
2723W MASK LAUNDRY 200W AND OFFICE	KEH	/	12/44	GONZALES, RI TANNER, ROBE	28	420	Benton		Washington	
2724A RADIATION 200E MONITORING	TWR	/	12/80	HAMRICK, DO WICKS, JAMES		6	Benton		Washington	
2724AY RADIATION 200E MONITORING	TWR	/	12/80	SPARKS, DAVI WICKS, JAMES		6	Benton		Washington	
2724AZ CHANGE HOUSE, 200E TANK FARMS	TWR	/	12/80	SPARKS, DAVI WICKS, JAMES			Benton		Washington	

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Building Description	Perfor. Category	Bldg. Code/Year	Year Build	Mission	Occupants (Number)	Area in 2	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Constur Type	Accidents	State	NPH Evaluation	
2724B RAD. 200E MONITORING	TWR	/	12/80	REBER, DAVI WICKS, JAMES		6			Benton	
2724BX RAD. 200E MONITORING	TWR	/	12/80	REBER, DAVI WICKS, JAMES		6			Washington	
2724BY RAD. 200E MONITORING	TWR	/	12/80	REBER, DAVI WICKS, JAMES		6			Benton	
2724C RADIATION 200E MONITORING	TWR	/	12/80	SPARKS, DAVI WICKS, JAMES		6			Benton	
2724CA RADIATION 200E MONITORING	TWR	/	12/80	HAMRICK, DO WICKS, JAMES		6			Washington	
2724SX RADIATION 200W MONITORING	TWR	/		WICKS, JAMES		6			Benton	
2724SY RADIATION 200W MONITORING	TWR	/		WICKS, JAMES		6			Washington	
2724T RADIATION 200W MONITORING	TWR	/		WICKS, JAMES		6			Benton	
2724TX RADIATION 200W MONITORING	TWR	/		WICKS, JAMES		6			Washington	
2724TXA RADIATION 200W MONITORING	TWR	/		WICKS, JAMES		6			Benton	

Building Description	Perfor. Category	Bldg. Code/Year	Mission Organizational Manager	Year Build	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager			Hazardous Materials	SAR Number	Constur Type	Struct. Accidents	State	NPH Evaluation
2724TXB RADIATION 200W MONITORING	TWR	/	WICKS, JAMES			6			Benton	
2724WB STORAGE 200W BUILDING	KEH	/	12/79			149			Washington	
2725Z STORAGE 200W BUILDING	TRP	/	03/65			37			Benton	
2727E SAFEGUARDS 200E AND SECURITY	KEH	/	01/85		37	1766			Washington	
2727W SODIUM 200W STORAGE	TWR	/	10/68			251			Benton	
2727WA SODIUM 200W STORAGE	TWR	/	CRANE, PAUL WICKS, JAMES						Washington	
2727Z SUPPLY 200W STORAGE	TRP	/	06/66			42			Benton	
2728W DIMENSIONAL 200W INSPECTION	KEH	/	10/79		2	93			Washington	
2729Z STORAGE 200W BUILDING	TRP	/	06/66			149			Benton	
272A MAINTENANCE 200E STORAGE	TWR	/	HAMRICK, DO		1	45			Washington	

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Building	Description	Perfor. Category	Bldg. Code/Year	Year Build	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area		Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Constur Type	Struct. Accidents	State	NPH Evaluation	
272AW	TANK FARM		/	01/80		182				Benton	
200E	OPERATIONS	TWR	ROSS, WILLIA	WICKS, JAMES						Washington	
272B	ELECTRICAL		/	06/60		9	164			Benton	
200E	MAINTENANCE	TRP	HEINEMAN, R	MIDGETT, JOE						Washington	
272BA	DRY MATERIAL		/				89			Benton	
200E	STORAGE	TRP	HEINEMAN, R	MIDGETT, JOE						Washington	
272BB	INSULATION		/			3	74			Benton	
200E	SHOP	TRP	HEINEMAN, R	MIDGETT, JOE						Washington	
272BC	CONSTRUCTION		/				232			Benton	
200E	MULTICRAFT	KEH	HEINEMAN, R	FOUCAULT, DA						Washington	
272E	FABRICATION,		/	12/44		24	1603			Benton	
200E	MOCKUP SHOP	KEH	GONZALES, RI	TANNER, ROBE						Washington	
272HV			/	12/94						Benton	
200E		TWR	ERMOLD, LEON							Washington	
272S	MAINTENANCE		/	06/75		18	421			Benton	
200W	SHOP	KEH	GONZALES, RI	TANNER, ROBE						Washington	
272W	MACHINE SHOP		/	12/44		21	1547			Benton	
200W	BUILDING	KEH	GONZALES, RI	TANNER, ROBE						Washington	
272WA	TANK FARM		/	08/85		71	1738			Benton	
200W	SUPPORT	TWR	MERCADO, L	WICKS, JAMES						Washington	

Building Description	Perfor. Category	Bldg. Code/Year	Year Built	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Constur Type	Struct. Accidents	State	NPI Evaluation	
2731Z STORAGE 200W BUILDING	TRP	/	06/66	VOGT, ERIC C VOGT, ERIC C			71		Benton	
2731ZA CONTAINER 200W STORAGE	TRP	/	10/83	VOGT, ERIC C VOGT, ERIC C			70		Washington	
2734ZA GAS STORAGE 200W (INACTIVE)	TRP	/					8		Benton	
2734ZC GAS STORAGE 200W	TRP	/					8		Washington	
2734ZJ LIQUID 200W NITROGEN	TRP	/							Benton	
2734ZL HYDROGEN 200W FLUORIDE	TRP	/							Washington	
2736Z PLUTONIUM 200W STORAGE	TRP	/	11/71	VOGT, ERIC C VOGT, ERIC C			17		Benton	
2736ZB PLUTONIUM 200W STORAGE	TRP	/	10/83	VOGT, ERIC C VOGT, ERIC C	15		344		Washington	
273E MATERIAL 200E STORAGE	KEH	/	10/81	VOGT, ERIC C VOGT, ERIC C			1113		Benton	
273EA 200E	TWR	/	09/86	GONZALES, RITANNER, ROBE WICKS, JAMES			558		Washington	

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Building Description	Perfor. Category	Bldg. Code/Year	Year Build	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Constur Type	Struct. Accidents	State	NPH Evaluation	
273W MATERIAL STORAGE	KEH	/	10/81	GONZALES, RI TANNER, ROBE		558			Benton	
274AW OFFICE BUILDING	KEH	/	04/94	GONZALES, RI WICKS, JAMES	41	836			Benton	
274E LANDLORD AND MAINTENANCE	KEH	/	12/44	GONZALES, RI TANNER, ROBE	49	352			Benton	
274W OFFICE BUILDING	KEH	/	01/45	GONZALES, RI TANNER, ROBE		355			Benton	
2750E WASTE MANAGEMENT	KEH	/	07/80	GONZALES, RI TANNER, ROBE	307	8922			Benton	
2751E OFFICE FACILITY	KEH	/	06/85	GONZALES, RI TANNER, ROBE	56	1394			Washington	
2752E 200 EAST OFFICE	KEH	/	07/85	GONZALES, RI TANNER, ROBE	56	1394			Benton	
2753E OFFICE BUILDING W/O	KEH	/	06/86	GONZALES, RI TANNER, ROBE	43	1394			Washington	
275E CARPENTER SHOP BUILDING	KEH	/	12/44	GONZALES, RI TANNER, ROBE	11	352			Benton	
275EA WAREHOUSE ESSENTIAL	KEH	/	12/55	GONZALES, RI TANNER, ROBE		3346			Benton	

Building Description	Perfor. Category	Bldg. Code/Year	Year Build	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Struct. Accidents.	State	NPH Evaluation		
275UR CHEMICAL 200W STORAGE	KEH	/	04/52	GONZALES, RI TANNER, ROBE	3	268	Benton		Benton	
275W HEAVY 200W EQUIPMENT SHOP	KEH	/	12/44	GONZALES, RI TANNER, ROBE	14	352	Washington		Washington	
276B PAINT SHOP 200E	TRP	/	12/67	HEINEMAN, R MIDGETT, JOE		52	Benton		Washington	
277A ALL-CRAFT FAB 200E SHOP	PSS	/	11/94	KELLY, JAMES		297	Benton		Washington	
277T BLOW DOWN 200W BUILDING	PSS	/		WRIGHT, MAL HAMILTON, WI		112	Benton		Washington	
277W FABRICATION 200W SHOP	KEH	/	02/52	GONZALES, RI TANNER, ROBE	23	2711	Benton		Washington	
278AW TANK FARM 200E DOCUMENT	KEH	/	02/94	GONZALES, RI WICKS, JAMES	5	172	Benton		Washington	
278WA TANK FARM 200W DOCUMENT	TWR	/	12/93	GONZALES, RI WICKS, JAMES	25	172	Benton		Washington	
281A BACKUP 200E GENERATOR	TRP	/	08/83	HAMRICK, DO HAMRICK, DOU		134	Benton		Washington	
282B WATER PUMP 200E HOUSE SOUTH	TRP	/	01/63	HEINEMAN, R MIDGETT, JOE		21	Benton		Washington	

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Building Description	Perfor. Category	Bldg. Code/Year	Year Build	Mission Organizational Manager	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories	NPH Evaluation
Area	Contractor	Building Manager			Hazardous Materials	SAR Number	Construc Type	Struct. Accidents	State		
282BA WATER PUMP 200E HOUSE NORTH	TRP	/	12/67	HEINEMAN, R MIDGETT, JOE		21			Benton		Washington
282E PUMP HOUSE 200E AND RESERVIOIR	KEH	/	12/44	DEBBAN, IER DEBBAN, IERB		133			Benton		Washington
282EA WATER 200E RESERVOIR	KEH	/	12/44	DEBBAN, IER DEBBAN, IERB		17			Benton		Washington
282EB WATER 200E RESERVOIR	KEH	/	11/67	DEBBAN, IER DEBBAN, IERB		20			Benton		Washington
282W RESERVOIR 200W PUMP HOUSE	KEH	/	12/44	DEBBAN, IER DEBBAN, IERB		133			Benton		Washington
282WA WATER INLET 200W HOUSE	KEH	/	12/44	DEBBAN, IER DEBBAN, IERB		17			Benton		Washington
283E WATER 200E FILTRATION	KEH	/	12/44	DEBBAN, IER DEBBAN, IERB		697			Benton		Washington
283W WATER 200W FILTRATION	KEH	/	12/44	DEBBAN, IER DEBBAN, IERB		771			Benton		Washington
283WB EQUALIZATION 200W BASIN & PUMP	KEH	/	06/95	DEBBAN, IER DEBBAN, IERB		22			Benton		Washington
283WD RECYCLE PUMP 200W STATION	KEH	/	06/95	DEBBAN, IER DEBBAN, IERB		20			Benton		Washington

Building Description	Perfor. Category	Bldg. Code/Year	Year Built	Mission Organizational Manager	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager			Hazardous Materials	SAR Number	Constur Type	Struct. Accidents	State	NPH Evaluation
283WE SLUDGE 200W LAGOONS	KEH	/				2509			Benton	
283WF SAMPLE 200W BUILDING	KEH	DEBBAN, IER	06/95	DEBBAN, IERB		16			Washington	
284E POWER HOUSE 200E AND STEAM	KEH	/	12/44	DEBBAN, IERB	41	3143			Benton	
284W POWER HOUSE 200W STEAM PLANT	KEH	/	12/44	DEBBAN, IERB		2522			Washington	
284WB PACKAGE 200W BOILER PLANT	KEH	/		DEBBAN, IERB		158			Benton	
285W BACKFLOW 200W PREVENTION	PSS	DEBBAN, IER				9			Washington	
286W RMW BACKFLOW 200W PREVENTER	PSS	/	10/92	CRANE, PAUL HAMILTON, WI		9			Benton	
2901Y EXPORT & LINE 600 VALVE HOSE,	KEH	/				28			Washington	
2902HV 200E	TWR	/	12/94	ERMOLD, LEON					Benton	
2904ZA RADIATION AND 200W FLOW	TRP	VOGT, ERIC C		VOGT, ERIC C		4			Washington	

Building	Description	Perfor. Category	Bldg. Code/Year	Year Build	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area		Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number		Constur Type	Struct. Accidents	State	NPH Evaluation
2904ZB	MONITORING 200W BUILDING	TRP	/	12/87	VOGT, ERIC C		31			Benton	
2910E										Washington	
2910E		KEH	/		TENVOOREN, M					Benton	
291A	EXHAUST AIR 200E FILTER AND	TRP	/	12/55			3			Washington	
291AB	EXHAUST AIR 200E SAMPLER HOUSE	TRP	/	12/55	HAMRICK, DO HAMRICK, DOU		3			Benton	
291AC	EXHAUST AIR 200E SAMPLER HOUSE	TRP	/	12/55	HAMRICK, DO HAMRICK, DOU		28			Benton	
291AD	FILTER PIT AND 200E STACK	TRP	/	03/79	HAMRICK, DO HAMRICK, DOU		18			Washington	
291AG	SAMPLE 200E STATION #2	TRP	/	12/55	HAMRICK, DO HAMRICK, DOU		13			Benton	
291AR	EXHAUST AIR 200E FILTER STACK	TWR	/	09/86	RAVENCRAFT WICKS, JAMES		63			Washington	
291B	EXHAUST AIR 200E CONTROL	TRP	/	12/44	HEINEMAN, R MIDGETT, JOE		31			Benton	
291BA	EXHAUST AIR 200E SAMPLE HOUSE	TRP	/	01/56	HEINEMAN, R MIDGETT, JOE		5			Washington	

Building Description	Perfor. Category	Bldg. Code/Year	Year Build	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Constur. Type	Struct. Accidents	State	NPH Evaluation	
291BB INSTRUMENT 200E BUILDING - A&B	TRP	/	01/68	HEINEMAN, R MIDGETT, JOE		27			Benton	
291BD C FILTER & 200E INSTRUMENT	TRP	/	10/70	HEINEMAN, R MIDGETT, JOE		101			Washington	
291BF D FILTER 200E	TRP	/	06/79	HEINEMAN, R MIDGETT, JOE		42			Benton	
291BH E FILTER 200E	TRP	/	04/81	HEINEMAN, R MIDGETT, JOE		9			Washington	
291BK INSTRUMENT 200E BUILDING - E & F	TRP	/	10/93	HEINEMAN, R MIDGETT, JOE		9			Benton	
291Z EXHAUST AIR 200W FILTER STACK	TRP	/	06/50	VOGT, ERIC C VOGT, ERIC C		1271			Washington	
2920GW BUILDING ETC2 RCHN	FDH	/			114				Benton	
292AA PR STACK 200E SAMPLE HOUSE	TRP	/	11/81	HAMRICK, DO HAMRICK, DOU					Washington	
292AB PUREX GASES 200E EFFLUENT	TRP	/		HAMRICK, DO HAMRICK, DOU		56			Benton	
292B STACK MONITOR 200E STATION	TRP	/	01/49	HEINEMAN, R MIDGETT, JOE		31			Washington	

Building	Description	Perfor. Category	Bldg. Code/Year	Year Build	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area		Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	State	Struct. Type	Accidents		NPH Evaluation
292T	FISSION 200W PRODUCTS	PSS	/		WRIGHT, MAL HAMILTON, WI		85			Benton	
293A	OFFGAS 200E TREATMENT	TRP	/	09/57	HAMRICK, DO HAMRICK, DOU		175			Benton	
2940GW	BUILDING ETCI RCIN	FDH	/			6				Washington	
294A	OFFGAS 200E TREATMENT	TRP	/	04/63	HAMRICK, DO HAMRICK, DOU		9			Benton	
295A	ASD SAMPLE 200E STATION	TRP	/	04/68	HAMRICK, DO HAMRICK, DOU		4			Benton	
295AA	SCD SAMPLE 200E AND PUMPOUT	TRP	/	10/85	HAMRICK, DO HAMRICK, DOU					Washington	
295AC	CSL SAMPLE 200E STATION	TRP	/	12/81	HAMRICK, DO HAMRICK, DOU					Benton	
295AD	SWL SAMPLE 200E STATION	TWR	/		HAMRICK, DO HAMRICK, DOU		13			Washington	
295AE	PDD 200E MONITORING	TRP	/	06/88	HAMRICK, DO HAMRICK, DOU		28			Benton	
296HN29	STACK MONITOR 200E SAMPLE	TWR	/	12/85	WICKS, JAMES		112			Washington	

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Building Description	Perfor. Category	Bldg. Code/Year	Year Build	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Constur Type	Struct. Accidents	State	NPH Evaluation	
303A 300 STORAGE BUILDING	TRP	/	12/43	STEFFEN, JIM		120			Benton Washington	
303B 300 STORAGE BUILDING	TRP	/	12/43	STEFFEN, JIM		120			Benton Washington	
303E 300 STORAGE BUILDING	TRP	/	12/43	STEFFEN, JIM		120			Benton Washington	
303F 300 PUMPHOUSE	TRP	/	12/43	STEFFEN, JIM		120			Benton Washington	
303G 300 STORAGE BUILDING	TRP	/	12/43	STEFFEN, JIM		120			Benton Washington	
303K 300 WASTE & MATERIAL	TRP	/	12/43	STEFFEN, JIM		120			Benton Washington	
303M 300 URANIUM OXIDE FACILITY	TRP	/	05/83	STEFFEN, JIM		195			Benton Washington	
304 300 URANIUM CONCRETION	TRP	/	02/54	STEFFEN, JIM		118			Benton Washington	
304A 300 URANIUM CONCRETION	TRP	/	09/78	STEFFEN, JIM		18			Benton Washington	
305 300 ENGINEERING TESTING	KEH	/	12/43	GONZALES, R TANNER, ROBE	14	1428			Benton Washington	

Building Description	Perfor. Category	Bldg. Code/Year	Year Build	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Constur Type	Struct. Accidents	State	NPH Evaluation	
305A 300 ELECTRICIAN & PIPEFITTER SHOP	KEH	/		RITTENHOUSE RITTENHOUSE,			274	Benton	Washington	
305P 300 ENGINEERING TESTING	STS	/		BROWN, LARRY			71	Benton	Washington	
305WELL 300 LEASED RCHC BUILDING	KEH	/		TANNER RM				Benton	Washington	
306E 300 DEVELOPMENT, FABRICATION, &	KEH	/	01/60	PANTHER, DO BROWN, LARRY	50		3826	Benton	Washington	
307WELL 300 LEASED RCHC BUILDING	KEH	/		TANNER RM				Benton	Washington	
308 300 FUELS DEVELOPMENT	TRP	/	01/60	BITTEN, ERNE STEFFEN, JIM			6609	Benton	Washington	
308A 300 FUELS DEVELOPMENT	TRP	/	10/76	BITTEN, ERNE STEFFEN, JIM				Benton	Washington	
309 300 SP-100 GES TEST FACILITY	TRP	/	09/60	BITTEN, ERNE STEFFEN, JIM			4341	Benton	Washington	
310 300 TREATED EFFLUENT	PSS	/	07/94	ROBERTS, LEE DILIBERTO, AN	9		1255	Benton	Washington	
3100GW 300 BUILDING - RCHN LEASED	TRP	/		MCGINNIS KA	17			Benton	Washington	

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Building Area	Description	Perfor. Category	Bldg. Code/Year	Year Build	Mission Organizational Manager	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories	NPH Evaluation
312	RIVER PUMP	KEH	/	09/60	DEBBAN, HERB		44			Benton		
300	HOUSE									Washington		
313	N FUELS	TRP	/	07/88			7133			Benton		
300	MANUFACTURIN				METCALF, IV STEFFEN, JIM					Washington		
315	FILTER WATER	KEH	/	10/62			766			Benton		
300	PLANT BUILDING				DEBBAN, HER DEBBAN, HERB					Washington		
321	HYDROMECHANICAL	KEH	/	01/44			2550			Benton		
300	CAL/SEISMIC				GONZALES, RI TANNER, ROBE					Washington		
321B	MODEL HEAT	KEH	/	01/70			161			Benton		
300	LOOP, PART OF				GONZALES, RI TANNER, ROBE					Washington		
321C	CORE PUMP	KEH	/	06/72						Benton		
300	SHELTER, PART				TANNER, ROBE					Washington		
328	ENG. SERVICES &	KEH	/	12/53		59	3470			Benton		
300	SAFETY BUILDIN				GONZALES, RI TANNER, ROBE					Washington		
328A	SHEET METAL	KEH	/	04/60		1	178			Benton		
300	SHOP				GONZALES, RI TANNER, ROBE					Washington		
3311CLE	OUTPLACEMENT	HR	/			4				Benton		
KENN CENTER					MYERS LL					Washington		
333	N FUELS	TRP	/	12/61		16	5292			Benton		
300	BUILDING				METCALF, IV STEFFEN, JIM					Washington		

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Building Description	Perfor. Category	Bldg. Code/Year	Year Build	Mission	Occupants (Number)	Area in 1	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Constur Type	Struct. Accidents	State	NPH Evaluation	
334 PROCESS SEWER 300 MONITOR	TRP	/	12/61	METCALF, IV STEFFEN, JIM		28		Benton	Washington	
334A WASTE ACID 300 STORAGE	TRP	/	04/59	METCALF, IV STEFFEN, JIM		74		Benton	Washington	
335 SODIUM TEST 300 FACILITY	TRP	/	11/69	HUNTER, JAM LOIKA, EDWAR		620		Benton	Washington	
337B 337 HIGH-BAY 300 AND SERVICE	KEH	/	05/73	GONZALES, RI TANNER, ROBE		3446		Benton	Washington	
339A COMPUTER 300 FACILITY	BCS	/	09/88	ELISON, BARY ESTEY, SANDR	17	446		Benton	Washington	
340 WASTE 300 NEUTRALIZATIO	PSS	/	12/53	ROBERTS, LEE DILIBERTO, AN		416		Benton	Washington	
340A WASTE 300 RETENTION	PSS	/	01/61	ROBERTS, LEE DILIBERTO, AN		127		Benton	Washington	
340B WASTE 300 LOADOUT	PSS	/	03/69	ROBERTS, LEE DILIBERTO, AN		112		Benton	Washington	
342A INSTR/ELEC 300 BUILDING SHOP	PSS	/	07/94	DILIBERTO, AN		16		Benton	Washington	
3506A POWERHOUSE 300 MAINTENANCE	KEH	/		GONZALES, RI TANNER, ROBE	3	175		Benton	Washington	

Building	Description	Perfor. Category	Bldg. Code/Year	Year Build	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area		Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number		Constur Type	Struct. Accidents	State	NPH Evaluation
3506B	MAINTENANCE 300 SHOP	KEH	/	06/82	GONZALES, RI DEBBAN, HERB	4	80			Benton	
										Washington	
3506C	TELECOMMUNIC 300 ATIONS HUB	BCS	/				48			Benton	
										Washington	
3506CTR		BCS	/							Benton	
										Washington	
3507	MICROWAVE 300 TOWER AND	BCS	/	02/85			13			Benton	
										Washington	
351A	METER AND 300 TESTING	KEH	/	12/52	HARDING, RO ESTEY, SANDR		26			Benton	
										Washington	
351B	METER TESTING 300 AND	KEH	/	10/70	FRITZ, ROBER DEBBAN, HERB		149			Benton	
										Washington	
352D	2400 V 300 SWITCHGEAR	KEH	/		FRITZ, ROBER DEBBAN, HERB		49			Benton	
										Washington	
352E	SWITCH STATION 300 EAST SIDE	KEH	/	09/72	FRITZ, ROBER DEBBAN, HERB		149			Benton	
										Washington	
352F	ELECTRICAL 300 SUBSTATION 2.4	KEH	/	02/78	FRITZ, ROBER DEBBAN, HERB		56			Benton	
										Washington	
3621-BC		KEH	/	03/95	DEBBAN, HERB					Benton	
300										Washington	

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Building Description	Perfor. Category	Bldg. Code/Year	Year Build	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Constur Type	Struct. Accidents	State	NPH Evaluation	
3621D EMERGENCY 300 GENERATOR	KEH	/	05/74	DEBBAN, HER DEBBAN, HERB		238		Benton	Washington	
3701D BENTON CO. 300 SHERIFF	KEH	/	02/83	GONZALES, RI TANNER, ROBE	1	614		Benton	Washington	
3701U OFFICE BUILDING 300	KEH	/	07/80	GONZALES, RI TANNER, ROBE		125		Benton	Washington	
3703A MODULAR 300 OFFICES	KEH	/	03/96	RITTENHOUSE,	7	172		Benton	Washington	
3704 INSULATORS 300 STORAGE	KEH	/	09/42	HOLLADAY, J RITTENHOUSE,		74		Benton	Washington	
3705 PHOTOGRAPHY 300 BUILDING	KEH	/		GONZALES, RI TANNER, ROBE	10	648		Benton	Washington	
3706 COMMUN. & 300 DOCUMENTATIO	KEH	/	12/44	GONZALES, RI TANNER, ROBE		3482		Benton	Washington	
3706A VENTILATION 300 EQUIP RM FOR	KEH	/	12/44	GONZALES, RI TANNER, ROBE		140		Benton	Washington	
3707D INFORMATION 300 SERVICES	KEH	/	06/55	GONZALES, RI TANNER, ROBE	15	797		Benton	Washington	
3707E CONSTRUCTION 300 STORAGE	KEH	/	09/42	DEBBAN, HER RITTENHOUSE,		74		Benton	Washington	

Building Description	Perfor. Category	Bldg. Code/Year	Year Built	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Constur Type	Struct. Accidents	State	NPH Evaluation	
3707EA PAINT STORAGE 300	KEH	/				26			Benton	
3707F RADIATION 300 MONITORING	PSS	/	02/65	GONZALES, RIDILIBERTO, AN		13			Washington	
3707H CHANGE HOUSE 300	KEH	/		GONZALES, RI TANNER, ROBE		112			Benton	
3709 PAINT SHOP 300	KEH	/	12/43	GONZALES, RI TANNER, ROBE	2	289			Washington	
3709A FIRE STATION 300	ESQ	/	08/64	GONZALES, RI TANNER, ROBE	31	776			Benton	
3709B FIRE EQUIPMENT 300 STORAGE	ESQ	/	02/77	GOOD, DONA GOOD, DONAL		56			Washington	
3710A OIL STORAGE 300 BUILDING	KEH	/	11/61	GONZALES, RI TANNER, ROBE		25			Benton	
3711 MAINTENANCE 300 STORAGE	KEH	/	11/59	GONZALES, RI TANNER, ROBE		297			Washington	
3712 STORAGE 300 BUILDING	TRP	/	08/67	GONZALES, RI TANNER, ROBE		903			Benton	
3713 CARPENTER 300 SHOP	KEH	/	12/43	METCALF, IV STEFFEN, JIM	7	446			Washington	
				GONZALES, RI TANNER, ROBE					Benton	
									Washington	

Building Description	Perfor. Category	Bldg. Code/Year	Year Build	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Constur Type	Struct. Accidents	State	NPH Evaluation	
3714 SOILS 300 LABORATORY	PSS	/		DILIBERTO, A DILIBERTO, AN		107			Benton	
3715 STORAGE 300 BUILDING	KEH	/	02/59	GONZALES, RI TANNER, ROBE		595			Washington	
3716 STORAGE 300 BUILDING	TRP	/	01/38	METCALF, IV STEFFEN, JIM		297			Washington	
3717 SPARE PARTS 300 WAREHOUSE	KEH	/	12/44	GONZALES, RI TANNER, ROBE		897			Benton	
3717B STANDARDS 300 LABORATORY	KEH	/	08/94	GONZALES, RI TANNER, ROBE	12	827			Washington	
3717C MATERIALS 300 ARCHIVE	KEH	/		GONZALES, RI TANNER, ROBE		214			Benton	
3718 OFFICE & 300 STORAGE	KEH	/	11/59	GONZALES, RI TANNER, ROBE	10	355			Washington	
3718C STORAGE 300 BUILDING	KEH	/		GONZALES, RI RITTENHOUSE,		416			Benton	
3718F SODIUM 300 STORAGE	PSS	/	09/46	GONZALES, RI DILIBERTO, AN		89			Washington	
3718M SODIUM 300 STORAGE	KEH	/	05/73	GONZALES, RI TANNER, ROBE		187			Benton	
									Washington	

Building	Description	Perfor. Category	Bldg. Code/Year	Year Built	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area		Contractor	Building Manager	Organizational Manager		Hazardous Materials	SAR Number	Constur. Type	Struct. Accidents	State	NPH Evaluation
3718N	INSULATION		/	09/71		1	268			Benton	
	300 SHOP	KEH	GONZALES, RI	TANNER, ROBE						Washington	
3718S			/							Benton	
	300	KEH								Washington	
3719	COMPUTER		/	02/79		1	280			Benton	
	300 FACILITY	KEH	GONZALES, RI	TANNER, ROBE						Washington	
3719A	MODULAR FIRST		/	02/96			172			Benton	
	300 AID STATION - TE	KEH	GONZALES, RI	TANNER, ROBE						Washington	
3721	CLASSIFIED		/				22			Benton	
	300 INCINERATOR	KEH	HOWSER, VIR	TANNER, ROBE						Washington	
3722	FABRICATION		/				468			Benton	
	300 SHOP	KEH	RITTENHOUSE	RITTENHOUSE,						Washington	
3727	CLASSIFIED		/	07/77			81			Benton	
	300 VAULT	KEH	GONZALES, RI	TANNER, ROBE						Washington	
3728	GEOTECHNICAL		/	07/81			297			Benton	
	300 HIGH-BAY	PSS	GONZALES, RI	DILIBERTO, AN						Washington	
3732	STORAGE		/	09/49			127			Benton	
	300 BUILDING	KEH	GONZALES, RI	TANNER, ROBE						Washington	
3734	MAINTENANCE		/	12/44			22			Benton	
	300 STORAGE	KEH	GONZALES, RI	TANNER, ROBE						Washington	

Building	Description	Perfor. Category	Bldg. Code/Year	Year Build	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area		Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number		Constur Type	Struct. Accidents	State	NPH Evaluation
3734A	PAINT STORAGE 300 BUILDING	KEH	/	12/44	GONZALES, RI TANNER, ROBE		72			Benton	
3746D	TECHNICAL 300 SERVICE ANNEX	KEH	/		GONZALES, RI TANNER, ROBE		117			Washington	
3763	OFFICE BUILDING 300	KEH	/	04/71	GONZALES, RI TANNER, ROBE	20	673			Benton	
3765	OFFICE BUILDING 300	KEH	/	06/71	GONZALES, RI TANNER, ROBE	1	1130			Washington	
3766	OFFICE BUILDING 300	KEH	/	12/75	GONZALES, RI TANNER, ROBE	16	268			Benton	
3768	OFFICE BUILDING 300	KEH	/	12/76	GONZALES, RI TANNER, ROBE	10	268			Washington	
3769	OFFICE BUILDING 300	KEH	/	12/76	GONZALES, RI TANNER, ROBE	7	268			Benton	
377	LABORATORY 300	STS	/		HUNTER, JAM BROWN, LARRY		336			Washington	
3770	OFFICE BUILDING 300	KEH	/	12/76	GONZALES, RI TANNER, ROBE	7	268			Benton	
3790	SECURITY 300 OFFICE BUILDING	KEH	/	02/83	GONZALES, RI TANNER, ROBE	48	1747			Washington	

Building Description	Perfor. Category	Bldg. Code/Year	Year Build	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories	NPH Evaluation
Area	Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Struct.	Accidents	State			
382 PUMP HOUSE		/	12/43			107			Benton		
300 BUILDING	KEH	DEBBAN, HER	DEBBAN, IERB						Washington		
382B FIRE PUMP		/	12/43			137			Benton		
300 STATION 382B	KEH		DEBBAN, IERB						Washington		
384 POWER HOUSE		/	12/50		25	1595			Benton		
300 BUILDING	KEH	DEBBAN, IER	DEBBAN, IERB						Washington		
3906 SANITARY AND		/	06/73			26			Benton		
300 PROCESS LIFT	KEH		DEBBAN, IERB						Washington		
403 FUEL STORAGE		/	12/82			1234			Benton		
400 FACILITY	TRP	KLOS, DAVID	LOIKA, EDWAR						Washington		
405 FFTF REACTOR		/	08/82			8002			Benton		
400 CONTAINMENT	TRP	KLOS, DAVID	LOIKA, EDWAR						Washington		
408A MAIN HEAT		/	08/82			1821			Benton		
400 DUMP, EAST	TRP	KLOS, DAVID	LOIKA, EDWAR						Washington		
408B MAIN HEAT		/	08/82			1796			Benton		
400 DUMP, SOUTH	TRP	KLOS, DAVID	LOIKA, EDWAR						Washington		
408C MAIN HEAT		/	08/82			1815			Benton		
400 DUMP, WEST	TRP	KLOS, DAVID	LOIKA, EDWAR						Washington		
409A CLOSED LOOP		/	08/82			74			Benton		
400 HEAT DUMP,	TRP	KLOS, DAVID	LOIKA, EDWAR						Washington		

Building Area	Description	Perfor. Category	Bldg. Code/Year	Year Built	Mission Organizational Manager	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories	NPH Evaluation
		Contractor	Building Manager			Hazardous Materials	SAR Number	Constur Type	Struct. Accidents	State		
409B	CLOSED LOOP 400 HEAT DUMP,	TRP	/	08/82	LOIKA, EDWAR		74			Benton		
427	FUELS & 400 MATERIAL	TRP	/	07/84	STEFFEN, JIM	4	20153			Washington		
427A	ARGON/HYDROG 400 EN MIXING	TRP	/	10/86	STEFFEN, JIM		19			Benton		
432A	INTERIM 400 COVERED	TRP	/	03/87	LOIKA, EDWAR		93			Washington		
436	TRAINING 400 FACILITY	TRP	/	05/77	LOIKA, EDWAR	6	671			Benton		
437	MAINTENANCE 400 AND STORAGE	TRP	/	01/84	LOIKA, EDWAR	1	5595			Washington		
4621E	AUXILIARY 400 EQUIPMENT	TRP	/	08/82	LOIKA, EDWAR	6	1582			Benton		
4621W	AUXILIARY 400 EQUIPMENT	TRP	/	08/82	LOIKA, EDWAR		809			Washington		
4701A	FORMER GUARD 400 STATION,	TRP	/	07/80	LOIKA, EDWAR	1	134			Washington		
4701B	FORMER GUARD 400 STATION, GRANT	KEH	/	12/82	GONZALES, RI TANNER, ROBE		59			Benton		

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Building Area	Description	Perfor. Category	Bldg. Code/Year	Year Built	Mission Organizational Manager	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories	NPH Evaluation
4701C	FMEF GATE 400 BUILDING,	TRP	STEFFEN, JIM	08/91	STEFFEN, JIM	215				Benton		
4702	OFFICE BUILDING 400	KEH	GONZALES, RI TANNER, ROBE	08/82	GONZALES, RI TANNER, ROBE	2016				Benton		
4703	FFTF CONTROL 400 BUILDING	TRP	KLOS, DAVID LOIKA, EDWAR	08/82	KLOS, DAVID LOIKA, EDWAR	1323				Benton		
4704N	SECURITY 400 MAINTENANCE	KEH	GONZALES, RI TANNER, ROBE	08/82	GONZALES, RI TANNER, ROBE	743				Benton		
4704S	400 AREA FIRE 400 STATION	ESQ	GOOD, DONA	08/82	GOOD, DONA	15	777			Benton		
4706	OFFICE BUILDING 400	KEH	GONZALES, RI TANNER, ROBE	05/83	GONZALES, RI TANNER, ROBE	17	1735			Benton		
4707	400 AREA SITE 400 SUPPORT OFFICE	KEH	GONZALES, RI TANNER, ROBE		GONZALES, RI TANNER, ROBE	267				Benton		
4710	FFTF OFFICE 400 BUILDING	TRP	KLOS, DAVID LOIKA, EDWAR	08/82	KLOS, DAVID LOIKA, EDWAR	211	3434			Benton		
4713A	RIGGERS & 400 DRIVERS	TRP	KLOS, DAVID LOIKA, EDWAR		KLOS, DAVID LOIKA, EDWAR	6	517			Benton		
4713B	FFTF 400 MAINTENANCE	TRP	KLOS, DAVID LOIKA, EDWAR	12/79	KLOS, DAVID LOIKA, EDWAR	55	3070			Benton		

Building	Description	Perfor. Category	Bldg. Code/Year	Year Build	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area		Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Constur Type	Struct. Accidents	State	NPH Evaluation	
4713C	WAREHOUSE 400	TRP	/	08/82	LOIKA, EDWAR		374			Benton	
4713D	INTERIM 400 MAINTENANCE	TRP	/	01/81	LOIKA, EDWAR		587			Washington	
4716	FFTF RIGGING 400 LOFT	TRP	/			11	122			Benton	
4717	REACTOR 400 SERVICE	TRP	/	08/82	LOIKA, EDWAR		4605			Washington	
4719	MEDICAL AID 400 STATION	KEH	/	08/81			171			Benton	
4721	FFTF 400 EMERGENCY	TRP	/	08/82	GONZALES, RI TANNER, ROBE	2	186			Washington	
4722B	CARPENTER 400 SHOP	KEH	/	08/82	LOIKA, EDWAR		379			Benton	
4722C	PAINTERS SHOP 400	KEH	/	08/82	GONZALES, RI TANNER, ROBE	1	375			Washington	
4726	CARPENTER 400 SUPPLY	TRP	/		DOTSON, PAU RITTENHOUSE,		30			Benton	
4727	MAINTENANCE 400 FLAMMABLE	TRP	/		LOIKA, EDWAR		13			Washington	

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Building Area	Description	Perfor. Category	Bldg. Code/Year	Year Built	Mission Organizational Manager	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
		Contractor	Building Manager			Hazardous Materials	SAR Number	Constur Type	Struct. Accidents	State	NPH Evaluation
4732A	WAREHOUSE 400	KEH	/	08/82	GONZALES, RI TANNER, ROBE	1	1394			Benton	
4732B	WAREHOUSE (400) 400 AREA INDOOR	TRP	/	11/83	DAHLIN, ERIC LOIKA, EDWAR		2230			Benton	
4732C	WAREHOUSE 400	TRP	/	04/82	DAHLIN, ERIC LOIKA, EDWAR		1859			Washington	
4734A	NITROGEN 400 DEWAR PAD	TRP	/	08/82	LOIKA, EDWAR		21			Benton	
4734B	SITE SERVICE 400 MAINTENANCE	KEH	/	08/82	GONZALES, RI TANNER, ROBE		717			Washington	
4734C	WAREHOUSE 400 (SPECIAL TOOLS)	KEH	/	08/82	GONZALES, RI TANNER, ROBE		717			Benton	
4734D	WAREHOUSE 400	KEH	/	08/82	GONZALES, RI TANNER, ROBE		745			Washington	
4760	CONSTRUCTION 400 SHOP	KEH	/		TENVOOREN, TENVOOREN, M	2	372			Benton	
4790	PATROL 400 HEADQUARTERS	KEH	/	01/80	GONZALES, RI TANNER, ROBE	36	391			Washington	
4790A	MICROWAVE 400 TOWER STORAGE	BCS	/	02/85	EATON, HARO ESTEY, SANDR		58			Benton	

Building Description	Perfor. Category	Bldg. Code/Year	Year Build	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Constur Type	Struct. Accidents	State	NPH Evaluation	
4791TC 400 WAREHOUSE	KEH	/	05/73	GONZALES, RIMMEYER, RICHA		134			Benton	Washington
4802 400 CONSTRUCTION SUPPORT	TRP	/	10/85	STEFFEN, JIM	2	135			Benton	Washington
481 400 WATER PUMP	TRP	/	08/82	KLOS, DAVID LOIKA, EDWAR		146			Benton	Washington
4814 400 SPECIAL TOOLS WAREHOUSE	KEH	/	07/84	GONZALES, RIMMEYER, RICHA		465			Benton	Washington
481A 400 WATER PUMP	TRP	/	05/82	KLOS, DAVID LOIKA, EDWAR		150			Benton	Washington
4831 400 FLAMMABLE STORAGE	TRP	/		DAHLIN, ERIC LOIKA, EDWAR		137			Benton	Washington
483B 400 WATER TREATMENT	TRP	/	10/85	STEFFEN, JIM		46			Benton	Washington
484 400 FFTF IN-CONTAINMENT	TRP	/	08/82	KLOS, DAVID LOIKA, EDWAR		784			Benton	Washington
4842A 400 SWITCHGEAR	TRP	/		KLOS, DAVID LOIKA, EDWAR		206			Benton	Washington
4842B 400 SWITCHGEAR	TRP	/		KLOS, DAVID LOIKA, EDWAR		28			Benton	Washington
4842B 400 BLDG FOR PUMP	TRP	/		KLOS, DAVID LOIKA, EDWAR					Benton	Washington

Building Area	Description	Perfor. Category	Bldg. Code/Year	Year Built	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories	NPH Evaluation
Area		Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Constur Type	Struct.	Accidents	State		
4843	ALKALAI METAL 400 STORAGE	TRP	/	10/85	KLOS, DAVID LOIKA, EDWAR	149				Benton		
4862	FMEF ENTRY 400 WING OFFICE	TRP	/	10/85	STEFFEN, JIM STEFFEN, JIM	27	5826			Benton		
491E	HTS SERVICE 400 BUILDING, EAST	TRP	/	08/82	KLOS, DAVID LOIKA, EDWAR		1531			Washington		
491S	HTS SERVICE 400 BUILDING,	TRP	/	08/82	KLOS, DAVID LOIKA, EDWAR		770			Benton		
491W	HTS SERVICE 400 BUILDING, WEST	TRP	/	08/82	KLOS, DAVID LOIKA, EDWAR		2224			Washington		
506B	TELEPHONE 600 STORAGE	BCS	/		HARDING, RO					Benton		
506BA	TELECOMMUNIC 600 ATIONS	BCS	/		HARDING, RO					Washington		
509BA	600	BCS	/				208			Benton		
601WILLI	BUILDING - HAP0 RCHC	KEH	/		TANNER RM					Washington		
604A	YAKIMA 600 BARRICADE,	KEH	/	03/85	GLOVER, JAM TANNER, ROBE		15			Benton		

Building	Description	Perfor- Category	Blde. Code/Year	Year Build	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area		Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number		Constur Type	Struct. Accidents	State	NPH Evaluation
604F	WYE 600 BARRICADE,	KEH	/	10/59	TANNER, ROBE		7			Benton	
604G	WYE 600 BARRICADE,	KEH	/	10/59	GONZALES, RITANNER, ROBE		3			Washington	
604H	PATROL UTILITY 600 BUILDING	KEH	/		GONZALES, RITANNER, ROBE		9			Benton	
607	BATCH PLANT 600 LAB	KEH	/		TENVOOREN, TANNER, ROBE					Washington	
609	CENTRAL FIRE STATION, 100	ESQ	/	09/61	GOOD, DONA	5	1004			Benton	
609A	FIRE STATION, 600 200 AREAS	ESQ	/	06/65	GOOD, DONA	23	776			Washington	
609C	FIRE 600 DEPARTMENT	ESQ	/	08/85	GOOD, DONA	23	186			Benton	
609D	FIRE 600 DEPARTMENT	ESQ	/	08/85	GOOD, DONA					Washington	
609E	FIRE STATION 600 STORAGE	ESQ	/		GOOD, DONA		167			Benton	
609G	FIRE ALARM 600 AND TESTING	ESQ	/	11/90	GOOD, DONA	14	255			Washington	

Building Description	Perfor. Category	Bldg. Code/Year	Year Build	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Constur Type	Struct. Accidents	State		NPH Evaluation
613 STORAGE	ESQ	/	06/54	GOOD, DONAL		149			Benton	
616 600 SHELTER, NEAR NONRADIOACTIV		/	05/86			716			Washington	
600 E HAZARDOUS	PSS	CRANE, PAUL	HAMILTON, WI						Benton	
620 TANK WASTE		/	08/92						Washington	
600 RETRIEVAL PIT	TWR	WICKS, JAMES							Benton	
621B WYE		/	12/44			3			Washington	
600 BARRICADE,	KEH	GONZALES, RI	TANNER, ROBE						Benton	
622G 600 ATMOSPHERE		/			10	348			Washington	
SCIENCE ANNEX	KEH	GONZALES, RI	TANNER, ROBE						Benton	
623A 600 PLANT RADIO		/	11/57			47			Washington	
600 RELAY	BCS	HARDING, RO	ESTEY, SANDR						Benton	
623B 600 BACKUP RADIO		/				36			Washington	
600 REPEATER BLDG,	BCS	HARDING, RO	ESTEY, SANDR						Benton	
6265 600 UTILITY		/	10/93			335			Washington	
BUILDING WSCF	TWR	KING, A G	ERMOLD, LEON						Benton	
6266 600 ENVIRONMENTA		/	10/93		39	2695			Washington	
600 L SUPPORT	TWR	KING, A G	ERMOLD, LEON						Benton	
6266B 600 VAS PUMP BLDG		/	10/93			13			Washington	
600	TWR	KING, A G	ERMOLD, LEON						Benton	

Building Description	Perfor. Category	Bldg. Code/Year	Year Build	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Constur Type	Struct. Accidents	State	NPH Evaluation	
6267 WSCF COLD 600 SAMPLE	TWR	KING, A G	10/93	ERMOLD, LEON					Benton	Washington
6268 WSCF SAMPLE 600 EQUIPMENT	TWR	KING, A G	07/95	ERMOLD, LEON		223			Benton	Washington
6269 WSCF MOBILE 600 LAB STORAGE	TWR	KING, A G	10/93	ERMOLD, LEON	6	627			Benton	Washington
6270 ENVIRONMENTAL 600 L DATA	TWR	KING, A G	10/93	ERMOLD, LEON	9				Benton	Washington
6290 RIGGING 600 SERVICES	KEH	GONZALES, RI TANNER, ROBE	12/89		31	804			Benton	Washington
6291 FUELING 600 FACILITY	ADM	MINETTE, MI MEYER, RICHIA	08/95			26			Benton	Washington
630 PLANT 600 MICROWAVE	BCS	HARDING, RO ESTEY, SANDR				11			Benton	Washington
661 RIFLE AND 600 PISTOL RANGE	ESQ		04/82	WALTON, CRAI					Benton	Washington
661A TARGET RANGE 600 CONTROL	KEH	GONZALES, RI TANNER, ROBE	04/82			169			Benton	Washington
662 PATROL 600 TRAINING	KEH	GONZALES, RI TANNER, ROBE	04/82		2	335			Benton	Washington

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Building Description	Perfor. Category	Bldg. Code/Year	Year Built	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Constur Type	Struct. Accidents	State	NPH Evaluation	
662A 600 PATROL EXERCISE &	KEH	/	07/83	GONZALES, RI TANNER, ROBE		465			Benton	
6652L 600 RATTLESNAKE MTN (FORMERLY	BCS	/	07/55	POTTER, CHA POTTER, CHAR		609			Washington	
6652T 600 LOWER PUMP HOUSE (DOE	ESQ	/							Benton	
6653 600 SAMPLE AND MONITORING	PSS	/	12/94	DILIBERTO, AN		47			Washington	
6701 600 WYE BARRICADE GUARD HOUSE	KEH	/	12/92	GONZALES, RI TANNER, ROBE		20			Benton	
6701B 600 RATTLESNAKE BARRICADE	KEH	/		GONZALES, RI TANNER, ROBE		2			Washington	
676 600 COMMUNICATIO NS SUPPORT	BCS	/	12/83	HARDING, RO ESTEY, SANDR		13			Benton	
703 700 OFFICE BUILDING	KEH	/	10/90	TANNER, ROBE		2447			Washington	
712 700 RECORDS CENTER,	KEH	/	04/51	TANNER, ROBE		1826			Benton	
712B 700 IRM LITIGATION SUPPORT FACILIT	KEH	/	03/96	GONZALES, RI TANNER, ROBE		172			Washington	

Building Description	Perfor. Category	Bldg. Code/Year	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Constur Type	Struct. Accidents	State	NPH Evaluation
712SWIF BUILDING MED	KEH	TANNER RM						Benton	
RCHC DEN BLD		/						Washington	
747 ENVIRONMENTA	KEH	/	06/54		724			Benton	
700 L HEALTH			TANNER, ROBE					Washington	
747B ENVIRONMENTA	KEH	/	05/78		231			Benton	
700 L HEALTH			TANNER, ROBE					Washington	
748 RADIOSURGERY	KEH	/	10/67		296			Benton	
700 FACILITY			TANNER, ROBE					Washington	
FED BLD FEDERAL	KEH	/						Benton	
RCIN BUILDING		TANNER RM						Washington	
MO001 MOBILE OFFICE	KEH	/		6	125			Benton	
600 @ PTA		GONZALES, RI TANNER, ROBE						Washington	
MO002 MOBILE OFFICE	KEH	/		5	125			Benton	
600 @ PTA		GONZALES, RI TANNER, ROBE						Washington	
MO005 MOBILE OFFICE	PSS	/			62			Benton	
600 @ HTS PIPEYARD		GARDNER, M DILIBERTO, AN						Washington	
MO006 MOBILE OFFICE	STS	/			62			Benton	
300 (377 TRL 1)		HUNTER, JAM BROWN, LARRY						Washington	
MO009 MOBILE OFFICE	KEH	/		1	62			Benton	
300 (3745 TRL 1)		GONZALES, RI						Washington	

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Building Description	Perfor. Category	Bldg. Code/Year	Year Built	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Constr. Type	Struct. Accidents	State	NPH Evaluation	
MO011 200W PATROL HQ 200W @ 234-5Z	KEH	/	GONZALES, RI TANNER, ROBE	89	147			Benton	Washington	
MO012 MOBILE OFFICE 600 @ GROUT	KEH	/	DEMPESEY, KEIDEMPSEY, KEIT		147			Benton	Washington	
MO014 MOBILE OFFICE 200W @ 2704Z	KEH	/	GONZALES, RI TANNER, ROBE	6	86			Benton	Washington	
MO015 MOBILE OFFICE 200W @ 234-5Z	KEH	/	GONZALES, RI TANNER, ROBE	2	62			Benton	Washington	
MO016 MOBILE OFFICE 200W @ 234-5Z	KEH	/	GONZALES, RI TANNER, ROBE	3	62			Benton	Washington	
MO017 MOBILE OFFICE 200W @ 234-5Z	KEH	/	GONZALES, RI TANNER, ROBE	4	62			Benton	Washington	
MO019 JANITOR 200E STGE/OFC @ 284E	KEH	/	GONZALES, RI TANNER, ROBE		62			Benton	Washington	
MO021 MOBILE OFFICE 200E @ 210IM	KEH	/	GONZALES, RI TANNER, ROBE	1	147			Benton	Washington	
MO023 MOBILE OFFICE 200E @ 202A	TRP	/	11/92 HAMRICK, DO HAMRICK, DOU	51	515			Benton	Washington	
MO026 MOBILE OFFICE 300 (3705 TRL 1)	KEH	/	GONZALES, RI TANNER, ROBE		125			Benton	Washington	

Building Description	Perfor- Category	Bldg. Code/Year	Year Buildt	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Struct. Accidents	State	NPH Evaluation		
MO027 MOBILE OFFICE 200W @ 2725	KEH	/	GONZALES, RI TANNER, ROBE	5	172		Benton			
MO028 RAD WORKER 200W TRAINING	KEH	/	GONZALES, RI TANNER, ROBE	7	258		Washington			
MO029 MOBILE OFFICE 200E @ 271B	KEH	/	GONZALES, RI TANNER, ROBE	16	258		Benton			
MO031 MOBILE OFFICE 200W @ 234-5Z	KEH	/	GONZALES, RI TANNER, ROBE	16	258		Benton			
MO032 MOBILE OFFICE 200W @ 234-5Z	KEH	/	GONZALES, RI TANNER, ROBE	17	258		Washington			
MO035 TRAINING 200E FACILITY @ 202A	TRP	/	KAMMENZIN HAMRICK, DOU	17	125		Benton			
MO036 MOBILE OFFICE 300 (340 TRL 1)	PSS	/	DILIBERTO, A DILIBERTO, AN	4	147		Washington			
MO037 MOBILE OFFICE 200W @ 222S	KEH	/	GONZALES, RI TANNER, ROBE	24	515		Benton			
MO039 MOBILE OFFICE 200W @ 2704S	KEH	/	GONZALES, RI TANNER, ROBE	12	258		Washington			
MO040 MOBILE OFFICE 200E @ 284E	KEH	/	GONZALES, RI TANNER, ROBE	12	258		Benton			

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Building Description	Perfor. Category	Bldg. Code/Year	Year Built	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Constur Type	Struct. Accidents	State		NPH Evaluation
MO041 MOBILE OFFICE 200E @ 243G	KEH	/	GONZALES, RI TANNER, ROBE	6	172			Benton		
MO042 MOBILE OFFICE 200E @ 2750E	KEH	/	GONZALES, RI TANNER, ROBE	6	258			Washington		
MO043 MOBILE OFFICE 200E N/O 2750E	KEH	/	GONZALES, RI TANNER, ROBE	14	343			Benton		
MO046 MOBILE OFFICE 300 (318 TRL 3)	PSS	/	MAHAFFEY, KELLY, JAMES		515			Washington		
MO047 MOBILE OFFICE 200E @ 210IM	KEH	/	GONZALES, RI TANNER, ROBE	39	1116			Benton		
MO048 200 AREA 200E CENTRAL SIGN	KEH	/	09/81	9	172			Washington		
MO051 MOBILE OFFICE 300 (323 TRL 2)	KEH	/	GONZALES, RI		172			Benton		
MO052 MOBILE OFFICE 300 (333 TRL 1)	TRP	/	METCALF, IV STEFFEN, JIM	9	172			Washington		
MO102 MOBILE OFFICE 100K @ 1709K	SNF	/	02/79	7	147			Benton		
MO104 MOBILE OFFICE 200E @ 2719E	KEH	/	LUCAS, CIRIS SIDDOWAY, DE		125			Washington		
			GONZALES, RI TANNER, ROBE					Benton		

Building Description	Perfor. Category	Bldg. Code/Year	Year Build	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Constur Type	Struct. Accidents	State	NPH Evaluation	
MO108 MOBILE OFFICE 200E @ 4TH &	KEH	/		GONZALES, RI TANNER, ROBE	16	156			Benton	
MO109 OFFICE/CHANGE/ 200E TRAINING	KEH	/	10/85	GONZALES, RI TANNER, ROBE	1	172			Washington	
MO112 MOBILE OFFICE 200E @ 202A (INSIDE F	KEH	/	12/82	DEMPSEY, KEI DEMPSEY, KEIT		91			Benton	
MO114 CHANGE 200E TRAILER @ 241BY	KEH	/		GONZALES, RI TANNER, ROBE		28			Washington	
MO201 MOBILE OFFICE 200W @ 2704W	KEH	/		GONZALES, RI TANNER, ROBE		86			Benton	
MO203 GRAPHICS 200E FACILITY @ 284E	KEH	/		GONZALES, RI TANNER, ROBE	5	62			Washington	
MO204 LUNCHROOM 200W TRAILER @ 274W	KEH	/		GONZALES, RI TANNER, ROBE		62			Benton	
MO205 MOBILE OFFICE 100N @ 190KE	KEH	/		WITHERSPOO WITHERSPOON,		28			Washington	
MO206 MOBILE OFFICE 200E @ B PLANT 225B	KEH	/		GONZALES, RI TANNER, ROBE	4	62			Benton	
MO211 MOBILE OFFICE 200W NORTHEAST OF	KEH	/		DEMPSEY, KEI DEMPSEY, KEIT		62			Washington	

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Building Area	Description	Perfor- Category	Bldg. Code/Year	Year Built	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area		Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number		Constur Type	Struct. Accidents	State	NPH Evaluation
MO214	PATROL 100K BADGEHOUSE	SNF	/		MILLER, CHA SIDDOWAY, DE		62			Benton	
MO215	MOBILE OFFICE 200W @ 2704W	KEH	/		GONZALES, RI TANNER, ROBE		62			Benton	
MO221	MOBILE OFFICE 200W @ 2704W	KEH	/		GONZALES, RI TANNER, ROBE		62			Benton	
MO222	GUN CLEANING 600 TRAILER @ PTA	KEH	/		GONZALES, RI TANNER, ROBE		67			Benton	
MO223	CHANGE 200W TRAILER N/O	PSS	/		PYZEL, DONA HAMILTON, WI		38			Benton	
MO227	MOBILE OFFICE 200E @ UNSECURED	KEH	/		GONZALES, RI TANNER, ROBE	4	172			Benton	
MO228	SURVEY MOBILE 200E OFFICE @ 4TH &	KEH	/		TENVOOREN, TENVOOREN, M	2	172			Benton	
MO232	MOBILE OFFICE 200E @ 271B	KEH	/	09/85	GONZALES, RI TANNER, ROBE	6	172			Benton	
MO234	MOBILE OFFICE 200E @ 2750E	KEH	/		GONZALES, RI TANNER, ROBE	19	859			Benton	
MO235	MOBILE OFFICE 200W @ 2722W	KEH	/		GONZALES, RI TANNER, ROBE	12	172			Benton	

Building	Description	Perfor. Category	Bldg. Code/Year	Year Built	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area		Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	State	Struct. Type	Accidents		NPH Evaluation
MO236	MOBILE OFFICE	SNF	/	MILLER, CHA SIDDOWAY, DE		172	Benton			Benton	
100K							Washington			Washington	
MO237	MOBILE OFFICE	SNF	/	MILLER, CHA SIDDOWAY, DE		172	Benton			Benton	
100K							Washington			Washington	
MO240	CHANGEROOM/O	KEH	/	GONZALES, RI TANNER, ROBE	15	172	Benton			Benton	
200W	FFICE TRAILER						Washington			Washington	
MO244	200W PATROL	KEH	/	GONZALES, RI TANNER, ROBE		258	Benton			Benton	
200W	CHANGE						Washington			Washington	
MO245	MOBILE OFFICE	KEH	/	GONZALES, RI TANNER, ROBE	8	172	Benton			Benton	
200E @ GATE 815, 200E							Washington			Washington	
MO246	MOBILE OFFICE	KEH	/	GONZALES, RI TANNER, ROBE	6	172	Benton			Benton	
200E @ GATE 815, 200E							Washington			Washington	
MO247	MOBILE OFFICE	KEH	/	GONZALES, RI TANNER, ROBE	2	172	Benton			Benton	
200E @ GATE 815, 200E							Washington			Washington	
MO248	MOBILE OFFICE	KEH	/	GONZALES, RI TANNER, ROBE	4	172	Benton			Benton	
200E @ GATE 815, 200E							Washington			Washington	
MO249	MOBILE OFFICE	KEH	/	GONZALES, RI TANNER, ROBE	7	172	Benton			Benton	
200W @ 234-5Z (OUTSID							Washington			Washington	
MO250	MOBILE OFFICE	KEH	/	GONZALES, RI TANNER, ROBE	5	172	Benton			Benton	
200W @ 234-5Z (OUTSID							Washington			Washington	

Building Description	Perfor. Category	Bldg. Code/Year	Year Build	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	State	Struct. Type	Accidents	NPH Evaluation	
MO251 MOBILE OFFICE, 200E 3RD S/O TRKS ON	KEH	/	GONZALES, RI TANNER, ROBE	6	172	Benton			Benton	
MO252 MOBILE OFFICE, 200E 2ND S/O RR TRKS	KEH	/	GONZALES, RI TANNER, ROBE	7	172	Benton			Washington	
MO253 MOBILE OFFICE, 200E 1ST S/O RR TRKS	KEH	/	GONZALES, RI TANNER, ROBE	6	172	Benton			Washington	
MO254 MOBILE OFFICE 600 @ 622G	KEH	/	GONZALES, RI TANNER, ROBE	7	172	Benton			Washington	
MO255 MOBILE OFFICE 600 @ 622G	KEH	/	GONZALES, RI TANNER, ROBE	2	172	Benton			Washington	
MO256 MOBILE OFFICE 200E E/O 2711E	KEH	/	GONZALES, RI TANNER, ROBE	8	172	Benton			Washington	
MO257 MOBILE OFFICE 200E E/O 2711E	KEH	/	GONZALES, RI TANNER, ROBE	6	172	Benton			Washington	
MO258 MOBILE OFFICE 300 @ FMIT	KEH	/	GONZALES, RI TANNER, ROBE		172	Benton			Washington	
MO259 MOBILE OFFICE 300 @ FMIT	KEH	/	GONZALES, RI TANNER, ROBE	9	172	Benton			Washington	
MO260 MOBILE OFFICE 400 @ FMIT	KEH	/	GONZALES, RI TANNER, ROBE		172	Benton			Washington	

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Building	Description	Perfor. Category	Bldg. Code/Year	Year Buildt	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area		Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number		Constur Type	Struct. Accidents	State	NPH Evaluation
MO261	MOBILE OFFICE 300 @ FMIT	KEH	/		GONZALES, RI TANNER, ROBE	1	172			Benton	
										Washington	
MO262	MOBILE OFFICE 300 @ FMIT	KEH	/		GONZALES, RI TANNER, ROBE	5	172			Benton	
										Washington	
MO263	MOBILE OFFICE 300 @ FMIT	KEH	/		GONZALES, RI TANNER, ROBE	10	172			Benton	
										Washington	
MO264	MOBILE OFFICE 300 @ FMIT	KEH	/		GONZALES, RI TANNER, ROBE	3	172			Benton	
										Washington	
MO266	MOBILE OFFICE 200E @ 272AW TANK	KEH	/		GONZALES, RI TANNER, ROBE	20	172			Benton	
										Washington	
MO267	MOBILE OFFICE 200E @ 272AW TANK	KEH	/		GONZALES, RI TANNER, ROBE	10	172			Benton	
										Washington	
MO268	MOBILE OFFICE 200E @ 272AW TANK	KEH	/		GONZALES, RI TANNER, ROBE	9	172			Benton	
										Washington	
MO269	CHANGE 200E TRAILER E/O SUB	KEH	/		GONZALES, RI TANNER, ROBE	2	172			Benton	
		PSS			DILIBERTO, A DILIBERTO, AN					Washington	
MO272	MOBILE CRAFT 200E LUNCHROOM	KEH	/		ROTH, DAVID		156			Benton	
										Washington	
MO273	MOBILE OFFICE 200E @ PUREX	KEH	/		GONZALES, RI TANNER, ROBE	39	859			Benton	
										Washington	

Building Description	Perfor. Category	Bldg. Code/Year	Year Build	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Constur Type	Struct. Accidents	State	NPH Evaluation	
MO276 MOBILE OFFICE 200E @ 2753E	KEH	/	GONZALES, RI TANNER, ROBE		1374			Benton		
MO277 MOBILE OFFICE 200E @ 2753E	KEH	/	GONZALES, RI TANNER, ROBE		1			Washington		
MO278 MOBILE OFFICE 200W W/O 275W	PSS	/	HAMILTON, W HAMILTON, WI		51			Benton		
MO279 MOBILE OFFICE 200W W/O 275W	PSS	/	HAMILTON, W HAMILTON, WI		55			Washington		
MO280 MOBILE OFFICE 600 @ WSCF SITE	KEH	/	GONZALES, RI TANNER, ROBE		31			Benton		
MO281 MOBILE OFFICE 200W @ 272WA	KEH	/	GONZALES, RI TANNER, ROBE		84			Washington		
MO282 MOBILE OFFICE 200E @ GROUT	KEH	/	GONZALES, RI TANNER, ROBE		5			Benton		
MO283 MOBILE OFFICE 200E @ GROUT	KEH	/	GONZALES, RI TANNER, ROBE		11			Washington		
MO284 MOBILE OFFICE 200E @ GROUT	KEH	/	GONZALES, RI TANNER, ROBE		5			Benton		
MO285 MOBILE OFFICE 200E @ 2753E	KEH	/	GONZALES, RI TANNER, ROBE		55			Washington		

Building Description	Perfor. Category	Bldg. Code/Year	Year Build	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Constur Type	Accidents	State	NPH Evaluation	
MO286 MOBILE OFFICE 200E @ 2727E	KEH	/	GONZALES, RI TANNER, ROBE	34	1030			Benton	Washington	
MO287 MOBILE OFFICE 200W @ 275W	KEH	/	GONZALES, RI TANNER, ROBE	47	1030			Benton	Washington	
MO288 MOBILE CHANGE 200W FACILITY @	PSS	/	CRANE, PAUL HAMILTON, WI 04/94	36				Benton	Washington	
MO289 MOBILE CHANGE 200W FACILITY @ 224T	PSS	/	CRANE, PAUL HAMILTON, WI 04/94	36				Benton	Washington	
MO290 MOBILE 200W COMPUTER HUB	KEH	/	GONZALES, RI TANNER, ROBE	42	859			Benton	Washington	
MO291 MOBILE OFFICE 200W NEAR 2704S	KEH	/	GONZALES, RI TANNER, ROBE	35	859			Benton	Washington	
MO292 MOBILE OFFICE 600 @ WSCF (EO 6270	KEH	/	GONZALES, RI TANNER, ROBE	54	859			Benton	Washington	
MO293 MOBILE OFFICE 100K @ 1725K (SPENT F	SNF	/	BLEHM, LORI SIDDOWAY, DE	65	1374			Benton	Washington	
MO294 MOBILE OFFICE 200E @ 2727E	KEH	/	GONZALES, RI TANNER, ROBE	71				Benton	Washington	
MO295 FEMALE 200W CHANGE MOBILE	TWR	/	WICKS, JAMES WICKS, JAMES					Benton	Washington	

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Building Description	Perfor. Category	Bldg. Code/Year	Year Build	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Constur Type	Struct. Accidents	State	NPH Evaluation	
MO302 ARMORER SHOP 600 (MOBILE OFFICE)	KEH	/	GONZALES, RI	WALTON, CRAI	2	112			Benton Washington	
MO303 MOBILE OFFICE 1100 W. OF 1167A	ADM	/	DAHLLIN, ERIC MEYER, RICHIA		7	112			Benton Washington	
MO304 MOBILE OFFICE 600 @ HTS PIPEYARD	PSS	/	GARDNER, M	DILIBERTO, AN		120			Benton Washington	
MO306 MOBILE OFFICE 200W @ 222T	KEH	/	GONZALES, RI			62			Benton Washington	
MO312 LAUNDRY 200E STORAGE @ 225B	TRP	/	MIDGETT, JOE	MIDGETT, JOE		24			Benton Washington	
MO315 STORAGE 600 TRAILER @ 622G	KEH	/	12/75	GONZALES, RI		52			Benton Washington	
MO319 CHANGE 200W TRAILER (TANK)	TWR	/	WICKS, JAMES			28			Benton Washington	
MO320 WOMENS 200W CHANGE ROOM	KEH	/	GONZALES, RI	TANNER, ROBE		28			Benton Washington	
MO322 SWP CHANGE 200E TRAILER @ 207B	TRP	/	MIDGETT, JOE	MIDGETT, JOE		28			Benton Washington	
MO323 MOBILE OFFICE 200E @ 202A	TRP	/	KAMMENZIN	HAMRICK, DOU		56			Benton Washington	

Building	Description	Perfor. Category	Bldg. Code/Year	Year Built	Mission	Occupants (Number)	Area in ²	ATC-21 Rating	Priority Score	County	Number Stories
Area		Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number		Constur Type	Struct. Accidents	State	NPH Evaluation
MO325	CHANGE 200E TRAILER @	TRP	/	HAMRICK, DO HAMRICK, DOU		28				Benton	
MO327	MOBILE OFFICE 600 @ 218E	KEH	/	TANNER, ROBE		28				Benton	
MO332	SWP CHANGE 200E TRAILER @	TRP	/	HAMRICK, DO HAMRICK, DOU		28				Washington	
MO333	STORAGE 200W TRAILER @ 2W	TWR	/	WICKS, JAMES WICKS, JAMES		28				Benton	
MO346	MOBILE OFFICE 200W @ 222S	KEH	/	GONZALES, RI TANNER, ROBE	12	112				Washington	
MO347	MOBILE OFFICE 200E @ 202A (ATT'D TO	KEH	/	GONZALES, RI TANNER, ROBE	8	120				Benton	
MO351	MOBILE OFFICE 200W @ E/O RR TRKS	KEH	/	DEMPSEY, KEI DEMPSEY, KEIT	73					Washington	
MO353	MOBILE OFFICE 400 W. OF 4706	KEH	/	GONZALES, RI TANNER, ROBE	112					Benton	
MO354	MOBILE OFFICE 200E @ 2400E	KEH	/	GONZALES, RI TANNER, ROBE	120					Washington	
MO355	MOBILE OFFICE 200E @ 202A (ATT'D TO	KEH	/	GONZALES, RI TANNER, ROBE	12	120				Benton	

Building	Description	Perfor. Category	Bldg. Code/Year	Year Built	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area		Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number		Constur Type	Struct. Accidents	State	NPH Evaluation
MO363	MOBILE OFFICE 200W @ 241SX TANK	TWR	/	05/83	GONZALES, RI WICKS, JAMES		18			Benton	
MO368	PATROL 600 TRAINING	KEH	/		GONZALES, RI TANNER, ROBE		112			Benton	
MO369	MOBILE OFFICE 3000 NEAR 1262 BUILDING	KEH	/		TANNER, ROBE		172			Washington	
MO370	MOBILE OFFICE 3000 @ 2400 STEVENS	KEH	/		HOLLADAY, J FOUCAULT, DA		10			Benton	
MO371	D&D FEMALE 200W CHANGE	KEH	/		GONZALES, RI TANNER, ROBE		46			Washington	
MO376	FIELD TRAILER 600 @ KEH SLAB	KEH	/		FOUCAULT, DA		22			Benton	
MO377	MOBILE OFFICE 200W @ 275W	KEH	/		GONZALES, RI TANNER, ROBE	4	46			Washington	
MO378	MOBILE OFFICE 400 (TRL 100) W. OF	KEH	/		GONZALES, RI TANNER, ROBE		172			Benton	
MO379	MOBILE OFFICE 400 (TRL 102) W. OF	KEH	/		GONZALES, RI TANNER, ROBE		172			Washington	
MO382	MOBILE OFFICE 100K AKA: 1721K	SNF	/		KAVIANI, MA SIDDOWAY, DE	7	156			Benton	

Building Description	Perfor. Category	Bldg. Code/Year	Year Build	Mission	Occupants (Number)	Area in 2	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Constur Type	Struct. Accidents	State	NPH Evaluation	
MO384 MOBILE OFFICE 200E @ 2703E	KEH	/	GONZALES, RI TANNER, ROBE		172			Benton	Washington	
MO386 MOBILE OFFICE 200E @ DMRHF (2400E)	KEH	/	GONZALES, RI TANNER, ROBE		172			Benton	Washington	
MO387 CONTROL ROOM 200E TRAILER @ 2703E	KEH	/	GONZALES, RI TANNER, ROBE		12			Benton	Washington	
MO388 MOBILE OFFICE 200E @ 2721EA	ESQ	/	GONZALES, RI GOOD, DONAL		5	135		Benton	Washington	
MO392 MOBILE OFFICE 200E @ 243G (GROUT)	KEH	/	GONZALES, RI TANNER, ROBE		1	172		Benton	Washington	
MO393 MOBILE OFFICE 200E @ 272AW TANK	KEH	/	GONZALES, RI TANNER, ROBE		7	112		Benton	Washington	
MO395 MOBILE OFFICE 300 (FMIT TRL 5)	KEH	/	GONZALES, RI		2	156		Benton	Washington	
MO396 RESTROOM TRLR 100N @ 1209 BLDG	KEH	/	WITHERSPOON, 09/91		26			Benton	Washington	
MO398 RESTROOM 200E TRAILER @ A	KEH	/	DEMPSEY, KEI DEMPSEY, KEIT		22			Benton	Washington	
MO400 MOBILE OFFICE 200E @ 271B	KEH	/	GONZALES, RI TANNER, ROBE		23	429		Benton	Washington	

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Building Description	Perfor. Category	Bldg. Code/Year	Year Build	Mission Organizational Manager	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories	NPH Evaluation
MO402 MOBILE OFFICE 100K AKA:1718K (FKA:	SNF	/	03/83	SCHMIDT, JO SIDDOWAY, DE	59	1018			Benton		
MO404 MOBILE OFFICE 1100 @ 1163	KEH	/	01/84	GONZALES, RI TANNER, ROBE	36	687			Benton		
MO405 MOBILE OFFICE 200E NW OF 202A	TRP	/		BAILEY, RON HAMRICK, DOU	20	1288			Benton		
MO406 CHANGE/LUNCH 200W OOM TRAILER @	KEH	/		GONZALES, RI TANNER, ROBE	15	258			Benton		
MO407 MOBILE OFFICE 200E @ 2101M	KEH	/	02/87	GONZALES, RI TANNER, ROBE	16	429			Benton		
MO408 MOBILE OFFICE 200E @ 271B	KEH	/		GONZALES, RI TANNER, ROBE	12	258			Benton		
MO409 ANALYTICAL 200E LAB TRAILER @	TRP	/		KAMMENZIN		343			Benton		
MO410 MOBILE OFFICE 200E @ 271B	KEH	/		GONZALES, RI TANNER, ROBE	14	258			Benton		
MO412 MASK CLEANING 200W STATION @ 2724W	KEH	/		GONZALES, RI TANNER, ROBE	21	515			Benton		
MO413 MOBILE OFFICE 200E @ 2750E	KEH	/		GONZALES, RI TANNER, ROBE	12	687			Benton		

Building Description	Perfor. Category	Bldg. Code/Year	Mission	Year Build	Organizational Manager	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager				Hazardous Materials	SAR Number	Constur Type	Struct. Accidents	State	NPH Evaluation
MO414 MOBILE OFFICE 200E @ OLD 2704E SITE	KEH	/	GONZALES, RI TANNER, ROBE			27	1030			Benton	
MO421 FIELD TRAILER 600 HTS YARD	PSS	/	GARDNER, M DILIBERTO, AN				24			Benton	
MO428 MOBILE FIELD 600 OFFICE @ PFP	TRP	/	VOGT, ERIC C VOGT, ERIC C			1	172			Washington	
MO429 MOBILE FIELD 600 OFFICE @ PFP	TRP	/	VOGT, ERIC C VOGT, ERIC C				172			Benton	
MO432 MOBILE OFFICE 200W @ 270Z	TRP	/	VOGT, ERIC C VOGT, ERIC C	04/94		10	172			Washington	
MO433 MOBILE 200W OFFICE/CHANGE	PSS	/	WRIGHT, MAL HAMILTON, WI	01/94		1	172			Benton	
MO434 MOBILE OFFICE 200E @ 209E	KEH	/	GONZALES, RI TANNER, ROBE			9	172			Washington	
MO437 MOBILE OFFICE 200W @ 272WA	PSS	/	HAMILTON, W HAMILTON, WI	09/95		6	172			Benton	
MO438 MOBILE OFFICE 200W @ 272WA	PSS	/	HAMILTON, W HAMILTON, WI	03/96		13	172			Washington	
MO439 MOBILE 200E CHANGEROOM @	PSS	/	WICKS, JAMES WICKS, JAMES				65			Benton	

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Building Area	Description	Perfor. Category	Bldg. Code/Year	Year Build	Mission Organizational Manager	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories	NPH Evaluation
MO441	MOBILE 200W CHANGEROOM	KEH	/		DEMPESEY, KEIT		15			Benton		
MO442	MOBILE OFFICE 100K @ 1726K	SNF	/		BLEHM, LORI SIDDOWAY, DE	2	172			Benton		
MO443	MOBILE OFFICE 300	PSS	/	07/94	ROBERTS, LEE DILIBERTO, AN	2	51			Washington		
MO444	MOBILE OFFICE 200W @ 23RD &	KEH	/		WITHERSPOO WITHERSPOON,		53			Benton		
MO445	MOBILE OFFICE 200W @ 23RD &	KEH	/		WITHERSPOO	3	53			Washington		
MO446	MOBILE OFFICE 200W @ 23RD/DAYTON	KEH	/		WITHERSPOO WITHERSPOON,	5	62			Benton		
MO447	STORAGE 200W TRAILER E/O	TWR	/		REBER, DAVI WICKS, JAMES		9			Washington		
MO450	STORAGE 200W MOBILE N/O	TWR	/		WICKS, JAMES		9			Benton		
MO451	STORAGE 200W MOBILE NE/O	TWR	/		WICKS, JAMES		9			Benton		
MO454	MOBILE OFFICE 200W	KEH	/		EGGEBRATEN FOUCAULT, DA	2	62			Washington		

Building Description	Perfor. Category	Bldg. Code/Year	Year Built	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Constur Type	Struct. Accidents	State	NPH Evaluation	
MO461 INSTRUMENT 200W MOBILE @ 101SY	TWR	/	WICKS, JAMES		46			Benton		
MO465 MOBILE OFFICE 200W @ WRAP SITE	KEH	/	HARRIS, MAR FOUCAULT, DA		4			Washington		
MO535 MOBILE OFFICE 200W @ 272WA	PSS	/	HAMILTON, W HAMILTON, WJ		3	120		Benton		
MO536 SPECIAL 600 WAREHOUSE @	KEH	/	GONZALES, RI WALTON, CRAI			120		Benton		
MO537 CHANGE 200E TRAILER @ 221B	TRP	/	MIDGETT, JOE MIDGETT, JOE			39		Washington		
MO539 MEN'S 3000 RESTROOM	KEH	/	HOLLADAY, J TANNER, ROBE			29		Benton		
MO540 PORTABLE 200E CHANGE	TRP	/	HAMRICK, DO HAMRICK, DOU			15		Benton		
MO542 MOBILE OFFICE 200E @ 202A (ATT'D/D	KEH	/	GONZALES, RI TANNER, ROBE			120		Washington		
MO543 MOBILE 300 CHANGEROOM	KEH	/	RITTENHOUSE RITTENHOUSE,		1	120		Benton		
MO549 LUNCH ROOM - 100N AKA TRL. 1 (ATT'	KEH	/	STAIR, JEFFRE WITHERSPOON,		14	167		Washington		

Building Description	Perfor. Category	Bldg. Code/Year	Year Build	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Constur Type	Struct. Accidents	State	NPH Evaluation	
MO550 MOBILE OFFICE - 100N AKA TRLR 2 (A)	KEH	/	STAIR, JEFFRE WITHERSPOON,	3	156			Benton	Washington	
MO551 MOBILE OFC @ 200E BALTIMORE N/O	KEH	/	HOLLADAY, J FOUCAULT, DA		156			Benton	Washington	
MO552 MOBILE OFFICE 200E ON BALTIMORE	KEH	/	TENVOOREN, TENVOOREN, M	10	156			Benton	Washington	
MO553 MOBILE OFFICE 200E ON BALTIMORE	KEH	/	HARRIS, MAR TANNER, ROBE	10	156			Benton	Washington	
MO555 ESCORT 600 TRAILER @	KEH	/	HOLLADAY, J FOUCAULT, DA		67			Benton	Washington	
MO556 MOBILE OFFICE 200W ON HILL E/O Z PL	KEH	/	HOLLADAY, J FOUCAULT, DA	7	120			Benton	Washington	
MO557 CF MOBILE 300 OFFICE	KEH	/	RITTENHOUSE RITTENHOUSE,	27	156			Benton	Washington	
MO558 CM MOBILE 300 OFFICE	KEH	/	RITTENHOUSE RITTENHOUSE,	7	156			Benton	Washington	
MO559 ESCORT TRAILER 600	KEH	/	ROE, WILLIA FOUCAULT, DA		52			Benton	Washington	
MO560 MOBILE OFFICE 200E @ UNSECURED	KEH	/	GONZALES, RI TANNER, ROBE	7	156			Benton	Washington	

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Building	Description	Perfor. Category	Bldg. Code/Year	Year Built	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area		Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number		Constur Type	Struct. Accidents	State	NPH Evaluation
M0565	300	KEH	/							Beaton	
M0569	RESTROOM 200E TRAILER @ 244CR	KEH	/	DEMPSEY, KEI	DEMPSEY, KEIT		22			Washington	
M0570	MOBILE OFFICE 200E @ 244CR	KEH	/	DEMPSEY, KEI	DEMPSEY, KEIT	52	167			Beaton	
M0571	OFFICE/LUNCH 200E OOM TRLR @	KEH	/	DEMPSEY, KEI	DEMPSEY, KEIT		67			Washington	
M0573	CHANGE/LUNCH 200E OOM TRLR X FM	KEH	/	WITHERSPOO	WITHERSPOON,		18			Beaton	
M0574	CHANGEROOM 3000 TRAILER @ 224B	KEH	/	DEMPSEY, KEI	DEMPSEY, KEIT		22			Washington	
M0656	MOBILE OFFICE 300	KEH	/	TANNER, ROBE			9			Beaton	
M0662	FIELD MOBILE @ 600 SLAB YARD	KEH	/	HOLLADAY, J	FOUCAULT, DA		48			Washington	
M0666	MOBILE OFFICE 200E @ 202A	TRP	/	KAMMENZIN	HAMRICK, DOU	2	48			Beaton	
M0667	FIELD 600 LABORATORY @	KEH	/	DEMPSEY, KEIT			22			Washington	

Building Description	Perfor. Category	Bldg. Code/Year	Year Built	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Constur. Type	Struct. Accidents	State	NPH Evaluation	
MO674 MOBILE OFFICE 200E @ 243G (GROUT)	KEH	/	GONZALES, RI TANNER, ROBE		48			Benton		
MO702 MOBILE OFFICE 600 @ HTS PIPEYARD	PSS	/	GARDNER, M DILIBERTO, AN		48			Benton		
MO707 PATROL 200E TRAILER @ 202A	TRP	/	KAMMENZIN HAMRICK, DOU	4	48			Benton		
MO708 MOBILE OFFICE 200W @ 201R	TWR	/	GONZALES, RIERMOLD, LEON		48			Washington		
MO709 MOBILE OFFICE 300 ALSO KNOWN AS	STS	/	HUNTER, JAM BROWN, LARRY		39			Benton		
MO712 MOBILE OFFICE 200W S/O 622G	KEH	/	GONZALES, RI DILIBERTO, AN		39			Washington		
MO713 PORTABLE 600 GEN/WATER	KEH	/	GONZALES, RI TANNER, ROBE		48			Benton		
MO716 STORAGE 200W TRAILER ON	KEH	/	HOLLADAY, J FOUCAULT, DA		67			Washington		
MO717 LUNCHROOM 200E TRAILER @ SLAB	KEH	/	WITHERSPOO WITHERSPOON,		10			Benton		
MO718 LUNCHROOM 200E TRAILER @ SLAB	KEH	/	WITHERSPOO WITHERSPOON,		10			Washington		

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Building	Description	Perfor. Category	Bldg. Code/Year	Year Buildt	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area		Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number		Constur Type	Struct. Accidents	State	NPH Evaluation
M0719	CALIBRATION 200W LAB @ 272W	TWR	/	08/81	BROWN, ROD TANNER, ROBE	105	1374			Benton	
M0720	MOBILE OFFICE 200W @ 272WA	PSS	/		HAMILTON, W HAMILTON, WI	35	343			Benton	
M0721	MOBILE CHANGE 200W FACILITY @	PSS	/		HAMILTON, W HAMILTON, WI		172			Benton	
M0722	MOBILE OFFICE 200W @ 224U	KEH	/		GONZALES, R TANNER, ROBE		172			Benton	
M0723	MOBILE OFFICE 600 @ GATE 813, 200E	TWR	/		ERMOLD, LEON		172			Benton	
M0724	MOBILE OFFICE 600 @ GATE 813, 200E	PSS	/		CARTER, STE KELLY, JAMES	5	172			Benton	
M0725	MOBILE OFFICE 600 @ GATE 813, 200E	PSS	/		CARTER, STE KELLY, JAMES	9	172			Benton	
M0727	MOBILE @ LERF 200E BASINS	TWR	/		GEARY, JAME WICKS, JAMES		36			Benton	
M0728	CHANGE 600 FACILITY @	TWR	/		SAVINO, ANT ERMOLD, LEON		67			Benton	
M0729	RESTROOM 600 FACILITY @	TWR	/		SAVINO, ANT ERMOLD, LEON		24			Benton	

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Building Description	Perfor. Category	Bldg. Code/Year	Year Built	Mission Organizational Manager	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories	NPH Evaluation
MO730 RESTROOM 600 FACILITY @	PSS	/		FILIP, JEFFRE KELLY, JAMES		60			Benton		
MO731 MOBILE OFFICE 600 @ GATE 813	TWR	/		REBER, DAVI WICKS, JAMES		146			Washington		
MO732 MOBILE OFFICE 600 @ HWYP SITE	TWR	/		SHOWALTER, WICKS, JAMES	16	172			Benton		
MO733 FIELD OFFICE 600 MOBILE @ GATE	TWR	/		SHOWALTER, WICKS, JAMES	25	67			Washington		
MO734 MOBILE OFFICE 600 @ HWYP GATE	TWR	/		SHOWALTER, WICKS, JAMES	13	172			Benton		
MO738 TANK FARM 200W MOBILE FIELD	PSS	/		HAMILTON, W HAMILTON, WI		48			Washington		
MO739 SWP CHANGE 200W TRAILER @ 2706T	PSS	/		HAMILTON, W HAMILTON, WI		48			Benton		
MO741 HPT OFFICE @ 340	PSS	/	06/94	ROBERTS, LEE DILIBERTO, AN	1	22			Washington		
MO742 600	TWR	/		ERMOLD, LEON					Benton		
MO743 MOBILE 200W SHOP/OFFICE @	PSS	/	07/94	HAMILTON, W HAMILTON, WI	11	515			Washington		

Building	Description	Perfor. Category	Bldg. Code/Year	Year Build	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area		Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number		Construc Type	Struct. Accidents	State	NPH Evaluation
M0744	MOBILE OFFICE 300 @ TEDF	PSS	/	ROBERTS, LEE DILIBERTO, AN	11	172				Benton Washington	
M0745	MOBILE OFFICE 300 @ TEDF	PSS	/	ROBERTS, LEE DILIBERTO, AN	6	172				Benton Washington	
M0815	CHANGE 200E TRAILER @	TWR	/	10/91 GEARY, JAME WICKS, JAMES		36				Benton Washington	
M0816	CHANGE 200E TRAILER @ 244A	TWR	/	10/91 ROSS, WILLIA WICKS, JAMES		36				Benton Washington	
M0817	CHANGE 200W TRAILER @ TX	TWR	/	10/91 WICKS, JAMES WICKS, JAMES		36				Benton Washington	
M0818	CHANGE 200E TRAILER @	TWR	/	10/91 GEARY, JAME WICKS, JAMES		36				Benton Washington	
M0819	CHANGE 200W TRAILER @ SX	TWR	/	10/91 WICKS, JAMES WICKS, JAMES		36				Benton Washington	
M0820	CHANGE 200E TRAILER @ AN	TWR	/	10/91 ROSS, WILLIA WICKS, JAMES		36				Benton Washington	
M0821	CHANGE 200W TRAILER @ 207T	TWR	/	10/91 WICKS, JAMES WICKS, JAMES		36				Benton Washington	
M0822	CHANGE 200E TRAILER @ 241C	TWR	/	10/91 ROSS, WILLIA WICKS, JAMES		36				Benton Washington	

Building Description	Perfor. Category	Bldg. Code/Year	Year Build	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Constur Type	Struct. Accidents	State		NPH Evaluation
MO823 CHANGE 200W TRAILER @ U	TWR	/	10/91	WICKS, JAMES WICKS, JAMES		36			Benton	
MO824 CHANGE 200E TRAILER @	TWR	/	10/91	REBER, DAVI WICKS, JAMES		36			Washington	
MO825 CHANGE 200E TRAILER @	TWR	/	10/91	ROSS, WILLIA WICKS, JAMES		36			Benton	
MO826 CHANGE 200E TRAILER @ W/O	TWR	/		MURKOWSKI, WICKS, JAMES		36			Washington	
MO829 MOBILE OFFICE 200E @ BALTIMORE	KEH	/		BOOTHE, REB FOUCAULT, DA	26	156			Benton	
MO830 PIPEFITTERS 300 LUNCHROOM	KEH	/		RITTENHOUSE RITTENHOUSE,		12			Washington	
MO831 CHANGEROOM 200W TRAILER NE OF Z	KEH	/		HUBBARD, BE		10			Benton	
MO832 LUNCHROOM 200E OFFICE @ 202A	KEH	/		HOLLADAY, J FOUCAULT, DA		46			Washington	
MO833 CHANGE/LUNCHR 200E OOM TRAILER @	KEH	/		HOLLADAY, J FOUCAULT, DA		26			Benton	
MO834 LUNCHROOM/OF 200W FICE MOBILE @ Z	KEH	/		HOLLADAY, J FOUCAULT, DA	3	67			Benton	

Building Description	Perfor. Category	Bldg. Code/Year	Year Built	Mission.	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Constur Type	Accidents	State	NPH Evaluation	
MO835 LUNCH/OFFICE 200E MOBILE W/O 271T	KEH	/	HOLLADAY, J FOUCAULT, DA			67			Benton	
MO836 (DEMOLISHED) 300 CHANGE	KEH	/	RITTENHOUSE,			13			Washington	
MO837 LUNCHROOM 200W TRAILER ON	KEH	/	HOLLADAY, J FOUCAULT, DA			56			Benton	
MO838 MOBILE OFFICE 200E @ 4TH &	KEH	/	GONZALES, RI TANNER, ROBE			112			Benton	
MO839 LUNCHROOM/OF 200W FICE MOBILE @ Z	KEH	/	HOLLADAY, J FOUCAULT, DA			67			Washington	
MO840 REC & DISTRIB. 200E OFC N/O 4TH ON	KEH	/	TENVOOREN, TENVOOREN, M			67			Benton	
MO841 MOBILE OFFICE 200W ON HILL E/O Z PL	KEH	/	HOLLADAY, J FOUCAULT, DA		1	112			Washington	
MO842 ELECTRICIANS 300 LUNCHROOM	KEH	/	RITTENHOUSE RITTENHOUSE,			67			Benton	
MO843 STORAGE/SHOP 200E TRAILER @ 202A	KEH	/	HOLLADAY, J FOUCAULT, DA			67			Benton	
MO844 OFFICE/LUNCHR 200E OOM TRAILER @	KEH	/	HOLLADAY, J FOUCAULT, DA			67			Washington	

Building Description	Perfor. Category	Bldg. Code/Year	Year Built	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Constur. Type	State	Struct. Accidents		NPH Evaluation
M0845 LUNCHROOM 200E TRAILER @ SLAB	KEH	/	HOLLADAY, J FOUCAULT, DA		67		Benton		Washington	
M0847 RESTROOM 200W TRAILER ON	KEH	/	HOLLADAY, J FOUCAULT, DA		22		Benton		Washington	
M0848 MOBILE OFFICE 3000 @ SLAB YARD	KEH	/	WITHERSPOO WITHERSPOON,		22		Benton		Washington	
M0849 CHANGE/LUNCHR 200E OOM TRLR @	KEH	/	WITHERSPOO WITHERSPOON,		12		Benton		Washington	
M0850 MOBILE OFFICE 200E E. OF 2704HV	TWR	/	KIMBROUGH, ERMOLD, LEON	21	268		Benton		Washington	
M0851 MOBILE OFFICE 3000	TRP	/			134		Benton		Washington	
M0852 MOBILE OFFICE 200E @ 4TH &	KEH	/	TENVOOREN, TENVOOREN, M	25	429		Benton		Washington	
M0853 MOBILE OFFICE 200E @ SLAB YARD	KEH	/	HOLLADAY, J FOUCAULT, DA		35		Benton		Washington	
M0854 FIELD 100K CHANGEROOM	KEH	/	WITHERSPOON,		51		Benton		Washington	
M0858 FIELD 200E CHANGE/LUNCHR	KEH	/	DEMPESEY, KEI DEMPESEY, KEIT		106		Benton		Washington	

Building Description	Perfor. Category	Bldg. Code/Year	Year Build	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Constur Type	Struct. Accidents	State	NPH Evaluation	
MO862 TELEPHONE 100N CENTER (AKA 200E OOM TRAILER @ 200W W/O 271T	KEH	/	MARTIN, RIC	FOUCAULT, DA	7	147	62	Benton	Washington	
MO863 OFFICE/LUNCHR 200E OOM TRAILER @ 200W W/O 271T	KEH	/	GONZALES, RI	TANNER, ROBE	1	125		Benton	Washington	
MO892 MOBILE OFFICE 200W W/O 271T	PSS	/	WRIGHT, MAL	HAMILTON, WI	4	125		Benton	Washington	
MO901 MOBILE OFFICE 200E @ 4TH &	KEH	/	GONZALES, RI	TANNER, ROBE		125		Benton	Washington	
MO902 MOBILE OFFICE 300 SHOP (306 TRL 7)	KEH	/	GONZALES, RI			125		Benton	Washington	
MO903 MOBILE OFFICE 300 (FMIT TRL 9)	KEH	/	GONZALES, RI			125		Benton	Washington	
MO904 MOBILE OFFICE 300 N/O 4TH &	KEH	/	DEMPESEY, KEI	DEMPESEY, KEIT	16	125		Benton	Washington	
MO905 TELECOMMUNIC 3000 ATIONS PARTS	KEH	/	TANNER, ROBE			125		Benton	Washington	
MO906 TELECOMMUNIC 3000 ATIONS PARTS	KEH	/	TANNER, ROBE			125		Benton	Washington	
MO907 OFFICE TRAILER 100K @ 1722K	SNF	/	LUCAS, CHRIS	SIDDOWAY, DE	5	125		Benton	Washington	

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Building Description	Perfor. Category	Bldg. Code/Year	Year Build	Mission Organizational Manager	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories	NPH Evaluation
Area	Contractor	Building Manager			Hazardous Materials	SAR Number	Constur Type	Struct. Accidents	State		
MO908 MOBILE OFFICE 400 W. OF 4706	KEH	/		GONZALES, RI TANNER, ROBE		125			Benton		Washington
MO909 MOBILE OFFICE 200W @ 222T	PSS	/		HAMILTON, W HAMILTON, WI		125			Benton		Washington
MO916 MOBILE OFFICE 1100 @ 1163	KEH	/		GONZALES, RI TANNER, ROBE		147			Benton		Washington
MO919 MOBILE OFFICE 200E W/O 241AY	KEH	/		DEMPSEY, KEIT	7	125			Benton		Washington
MO921 MOBILE OFFICE 200E @ 4TH &	KEH	/		GONZALES, RI TANNER, ROBE	7	125			Benton		Washington
MO922 OFFICE/CHANGE 200E TRAILER @ 2703E	KEH	/		GONZALES, RI TANNER, ROBE		125			Benton		Washington
MO924 MOBILE OFFICE 200W @ 202S	KEH	/		GONZALES, RI TANNER, ROBE	11	125			Benton		Washington
MO926 MOBILE OFFICE 300 (FMIT TRL 4)	KEH	/		GONZALES, RI		125			Benton		Washington
MO927 MOBILE OFFICE 200E @ 243G	KEH	/		DEMPSEY, KEI DEMPSEY, KEIT		125			Benton		Washington
MO930 CHANGE ROOM 200E TRAILER @ 291B	KEH	/		GONZALES, RI TANNER, ROBE		30			Benton		Washington

Building Description	Perfor. Category	Bldg. Code/Year	Year Built	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Constur. Type	Struct. Accidents	State	NPH Evaluation	
MO931 GRAPHICS TRLR 200E @ 284E (ATT)	KEH	/	GONZALES, RI TANNER, ROBE	4	134			Benton	Washington	
MO932 MOBILE OFFICE 200E @ 4TH &	KEH	/	GONZALES, RI TANNER, ROBE	8	143			Benton	Washington	
MO933 MOBILE OFFICE 300 (FMIT TRL 10)	KEH	/	GONZALES, RI		134			Benton	Washington	
MO934 CHANGE/LUNCHIR 200E OOM (PWR/ISE)	KEH	/	GONZALES, RI TANNER, ROBE	3	62			Benton	Washington	
MO935 MOBILE OFFICE 300 (3763 TRL 1)	KEH	/	GONZALES, RI		107			Benton	Washington	
MO936 MOBILE OFFICE 200W @ 222S	KEH	/	GONZALES, RI TANNER, ROBE	7	147			Benton	Washington	
MO938 MOBILE OFFICE 1100 @ 1163	KEH	/	GONZALES, RI TANNER, ROBE		147			Benton	Washington	
MO939 MOBILE OFFICE 200W @ 234-5Z	KEH	/	GONZALES, RI TANNER, ROBE	6	62			Benton	Washington	
MO940 MOBILE OFFICE 1100 @ 1163	KEH	/	GONZALES, RI TANNER, ROBE	6	125			Benton	Washington	
MO941 MOBILE FIELD 200W OFFICE @ 272WA	PSS	/	PYZEL, DONA HAMILTON, WI		46			Benton	Washington	

Building Description	Perfor. Category	Bldg. Code/Year	Year Built	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Constur Type	Struct. Accidents	State	NPH Evaluation	
MO943 STORAGE 200E TRAILER @ 4TH	KEH	/	MUNNELL, LA TANNER, ROBE		49			Benton Washington		
MO944 STORAGE 600 TRAILER @ 622G	TWR	/	GONZALES, RI ERMOLD, LEON		15			Benton Washington		
MO946 MOBILE OFFICE 200E @ PUREX	KEH	/	GONZALES, RI TANNER, ROBE		112			Benton Washington		
MO947 MOBILE OFFICE 200W @ 2704S	KEH	/	GONZALES, RI TANNER, ROBE		112			Benton Washington		
MO948 MOBILE OFFICE 200E @ 202A (ATT'D/ID	KEH	/	GONZALES, RI TANNER, ROBE		112			Benton Washington		
MO949 200W	TWR	/	ERMOLD, LEON					Benton Washington		
MO951 MOBILE 100N OFFICE/LUNCHR	KEH	/	STAIR, JEFFRE WITHERSPOON,		67			Benton Washington		
MO952 MOBILE 100N OFFICE/LUNCHR	KEH	/	STAIR, JEFFRE WITHERSPOON,		67			Benton Washington		
MO953 OFFICE/LUNCHR 200E OOM TRAILER @	KEH	/	DEMPSEY, KEIT		52			Benton Washington		
MO954 ELECTRICIANS 100N STORAGE (AKA:	KEH	/	STAIR, JEFFRE WITHERSPOON,		52			Benton Washington		

Building	Description	Perfor. Category	Bldg. Code/Year	Year Built	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area		Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number		Constur Type	Struct. Accidents	State	NPH Evaluation
MO955	MOBILE OFFICE 200E @ UNSECURED	KEH	/	GONZALES, RI TANNER, ROBE			112			Benton	
MO956	LUNCHROOM/TR 200W AINING TRLR ON	KEH	/	HOLLADAY, J FOUCAULT, DA			134			Benton	
MO957	MOBILE OFFICE 100N (CONSTRUCTION)	KEH	/	HOLLADAY, J FOUCAULT, DA			10			Washington	
MO958	OFFICE/LUNCHR 200E OOM TRAILER @	KEH	/	HOLLADAY, J FOUCAULT, DA			60			Benton	
MO959	RESTROOM 200E TRAILER @ 224B	KEH	/	HOLLADAY, J FOUCAULT, DA			22			Washington	
MO961	FIELD TRAILER 200E @ 224B	KEH	/	FOUCAULT, D FOUCAULT, DA			15			Benton	
MO962	CHANGE/LUNCHR 200E OOM TRAILER @	KEH	/	FOUCAULT, D WITHERSPOON,			15			Washington	
MO964	MOBILE OFFICE 200E @ 224B	KEH	/	HOLLADAY, J FOUCAULT, DA		2	67			Benton	
MO965	STORAGE 200E TRAILER @ 224B	KEH	/	HOLLADAY, J FOUCAULT, DA			52			Benton	
MO966	LUNCHROOM 200E TRAILER @ 224B	TWR	/	HOLLADAY, J WICKS, JAMES			112			Washington	

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Building Description	Perfor. Category	Bldg. Code/Year	Year Build	Mission	Occupants (Number)	Area m ²	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Constur Type	Struct. Accidents	State		NPH Evaluation
MO967 MOBILE OFFICE 200E @ 224B	KEH	/	HOLLADAY, J	FOUCAULT, DA		67			Benton	
MO968 CHANGE TRLR @ 200E 224B	KEH	/	FOUCAULT, D	FOUCAULT, DA		12			Benton	
MO969 MOBILE OFFICE 100K	SNF	/	MILLER, CHA	SIDDOWAY, DE		312			Washington	
MO970 MOBILE OFFICE 200E @ UNSECURED	KEH	/	GONZALES, RI	TANNER, ROBE	16	312			Benton	
MO971 MOBILE OFFICE 200E @ UNSECURED	KEH	/	GONZALES, RI	TANNER, ROBE	13	312			Washington	
MO972 MOBILE OFFICE 3000 NEAR 1226	KEH	/		FOUCAULT, DA		15			Benton	
MO973 STORAGE/CONST 200E RUCTION	KEH	/	HUBBARD, BE	FOUCAULT, DA		51			Washington	
MO974 STORAGE 200E TRAILER @ 241A	KEH	/	DEMPESEY, KEI	DEMPESEY, KEIT		51			Benton	
MO975 CHANGERROOM 200E TRAILER @ SLAB	KEH	/	HOLLADAY, J	TANNER, ROBE		13			Washington	
MO976 CHANGERROOM 200E TRAILER @ S	KEH	/	HOLLADAY, J	FOUCAULT, DA		13			Benton	

Building Description	Perfor. Category	Bldg. Code/Year	Year Built	Mission	Occupants (Number)	Area in 2	ATC-21 Rating	Priority Score	County	Number Stories
Area	Contractor	Building Manager	Organizational Manager	Hazardous Materials	SAR Number	Constur Type	Struct. Accidents	State	NPH Evaluation	
MO977 CHANGEROOM 200E TRAILER @ SLAB	KEH	/	DEMPSEY, KEIDEMPSEY, KEIT		12			Benton		
MO979 MOBILE OFFICE 300 @ ESMI CONST.	KEH	/	RITTENHOUSE,	8	172			Washington		
MO980 MOBILE OFFICE 300 @ EMSL SITE	KEH	/	RITTENHOUSE,		172			Benton		
MO990 MOBILE OFFICE 600 @ 251W	KEH	/	RITTENHOUSE,		62			Washington		
MO991 MOBILE OFFICE 200E @ 200E	KEH	/	GONZALES, RI TANNER, ROBE	2	172			Benton		
MO993 MOBILE 200E CHANGEROOM @	TRP	/	GONZALES, RI TANNER, ROBE		51			Washington		
MO994 MOBILE OFFICE 200E @ UNSECURED	KEH	/	HAMRICK, DO HAMRICK, DOU	6	125			Benton		
MO995 MOBILE OFFICE 200E @ 271B	KEH	/	GONZALES, RI TANNER, ROBE	5	125			Washington		
MO996 MOBILE OFFICE 200E @ 272AW	KEH	/	GONZALES, RI TANNER, ROBE	7	125			Benton		
MO997 MOBILE OFFICE 200W @ 243G (GROUT)	KEH	/	GONZALES, RI WICKS, JAMES	17	125			Washington		

Building Description	Perfor. Category	Bldg. Code/Year	Year Built	Mission Organizational Manager	Occupants (Number)	Hazardous Materials	Area m ²	SAR Number	ATC-21 Rating	Constur Type	Priority Score	Struct. State	County	Number Stories	NPI Evaluation
Area	Contractor	Building Manager		Manager											
MO998 FIELD TRAILER								24					Benton		
600 HTS YARD	PSS			GARDNER, M DULBERTO, AN									Washington		

CORRESPONDENCE DISTRIBUTION COVERSHEET

Author

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(T. J. Conrads, 376-7642)

Addressee

S. J. Veitenheimer, RL

Correspondence No.

9654385

Subject: COMPLETION OF MILESTONE QAD-96-027 "DOE ORDER 5480.28, NATURAL PHENOMENA HAZARDS MITIGATION IMPLEMENTATION PLAN"

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S. Guttenberg	N2-53	X			
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G. A. Hayner	T5-19	X			
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W. F. Heer	H5-31	X			
J. R. Kelly	B4-49	X			
E. F. Loika	N2-51	X			
D. M. Lucoff	B1-17	X			
W. C. Miller	R1-56	X			
J. N. Nansen	B1-13	X			
M. A. Payne	S7-74	X			
R. D. Redekopp	T5-15	X			
H. M. Rickard	G3-08	X			
G. E. Rothenberber	H8-67	X			
J. M. Steffen	N1-47	X			
A. M. Umek	S7-81	X			
D. B. VanLeuven	H6-10	X			
E. C. Vogt	T5-50	X			
J. H. Wicks Jr.	R2-50	X			
D. W. Wilson	S4-66	X			
M. S. Wright	T3-28	X			
A. M. Yates	H5-20	X			

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