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1	1	Cog. Mgr. S. L. Magnani	<i>[Signature]</i>	3/3/95			
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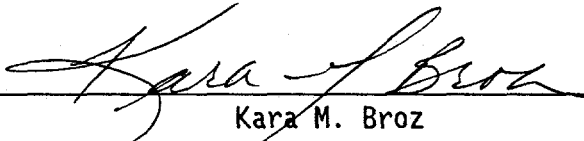
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March 6, 1995

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7. Abstract

The Spent Nuclear Fuel Integrated Schedule Plan establishes the organizational responsibilities, rules for developing, maintain and status of the SNF integrated schedule, and an implementation plan for the integrated schedule.

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**SPENT NUCLEAR FUEL PROJECT
INTEGRATED SCHEDULE PLAN**

March 3, 1995

MASTER

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ACRONYMS

ADS	Activity Data Sheets
BCWP	Budgeted Cost of Work Performed
BCWS	Budgeted Cost of Work Scheduled
CAP	Cost Account Package
EIS	Environmental Impact Statement
FDS	Financial Database System
HSIS	Hanford Site Integrated Schedule
MODMAST	Modify Master
MYPP	Multi-year Program Plan
ORR	Operational Readiness Review
P3	Primavera Scheduling Software
ROD	Record of Decision
SSF	Staging and Storage Facility
SMS	Site Management System
SNF	Spent Nuclear Fuel
TP	Task Package
WBS	Work Breakdown Structure
WP	Work Package

1.0 INTRODUCTION

The purpose of the Spent Nuclear Fuel (SNF) Project Schedule Integration effort is to provide schedule and resource information for the work defined by the SNF Project Work Breakdown Structure (WBS). A master schedule is being developed that includes schedule estimates for all projects defined by the WBS. By mid January 1995 that data base was approximately 2,400 elements for the total project and it is estimated that it could increase in magnitude.

The plan has three major focus areas; the schedule, roles and responsibilities, and an implementation plan. The following plan discusses the schedule deliverables, description of the deliverables, and an appendix which, covers the rules for preparing an integrated resource loaded schedule. The plan also covers the roles and responsibilities of the schedule integration organization staff and those groups which directly interface with the integration organization. The implementation section addresses the present condition of the integrated schedule and the steps that will be taken to bring the integrated resource loaded schedule into compliance with the scheduling rules.

This scheduling information is electronically transmitted to a single data base located on a file server, from schedulers, located at the K Basins, 400 Area, 200 Area, 300 Area, and downtown Richland. The schedule information is input by the schedule integration group with the concurrence of single points of contact throughout the project. The concept is to accept their working schedules and to integrate all such information to ensure that all elements of the project are prioritized and critical path attention is properly focused. When there is a schedule conflict, the schedule integration personnel will communicate the conflicts to the groups involved and ensure the conflict is resolved.

In order to ensure there is some resource bases for the work being scheduled, the manpower (by organization code) and the dollars committed for each work item will be put into the schedule data base. By the end of February 1995 the general resource loading by 6± major funding types had been achieved. The plans are to refine the resource information according to the implementation plan as the strategies and the particular working arrangements on major procurement for the Path Forward are solidified.

2.0 SCOPE

The scope of this document is to provide the methods, requirements and organizational formats for developing, maintaining, and reporting the integrated resource loaded SNF Project schedule.

3.0 STANDARD SCHEDULE DELIVERABLES

3.1 Project Summary Schedule - Level 0 (DOE RL/HQ communication product)

- Total Project Scope, 100± summarized elements which include major activities, Key Decision Points and selected DOE and major WHC milestones. Could be used to support Hanford Site Integrated Schedule (HSIS).
- Major Activities - summary level bar charts, i.e., move fuel, construct S&SF, EIS ROD (summed from detail schedules).
- Key Decision Points - major decisions requiring DOE or other external approval prior to project proceeding (selected decision points will come from Project Master Schedule).
- DOE selected milestones (summed from detail scheduled).

3.2 Project Master Schedule - Level 1 (WHC/RL communication product)

- Total Project Scope, 300± summarized elements which include major activities, Key Decision Points and all TPA, HQ and RL milestones.
- Major Activities - summary level bar charts, i.e., S&SF predesign, design, procurement, construction, startup and Infrastructure upgrade (summed from detail schedules).
- Key Decision Points - all decision points internal and external to the project which require approval by outside organizations prior to the project proceeding.
- All Major Milestones - TPA, DOE RL/HQ, and WHC key milestones. FY milestones from the CAP are not included.
- Monthly performance summed from FY operating schedule. Information provided as an FY slice of the Project Master Schedule.

3.3 ADS/MYPP Schedule - Level 2 (WHC/DOE communication on budget request/approval)

- Schedule detail/resource loading developed at the Cost Account level with activities at the work package or task package level for a minimum of one year. Also recommended at three years with the years two and three in less detail but at a minimum of program element level.
- Schedule detail/resource loading, where possible, to cost account package level but at a minimum of program element level for seven years or the remaining life of the project.

3.4 Fiscal Year Operating Schedule - Level 3 (WHC internal communication on performance measurement)

- FY portion of approved MYPP to the detail level (BCWS).
- Status schedule to task package details (monthly BCWP).
- Details summarized to task package level.
- Cost/Schedule variances and critical path evaluation at work package level.

3.5 Plan of The Week - Level 4 (WHC internal communication of detail performance)

- Summary look at all project milestones for the fiscal year.
- Status time scale logic schedule of the task package detail for a period of time determined by management around the present data date.
- Look at areas that have important internal and external commitments.
- Review areas which are on critical path, critical path analysis, development of recovery plans, review and tracking of proposed recover plans.

4.0 ORGANIZATION - ROLES AND RESPONSIBILITIES

The scheduling group has the responsibility to provide reliable and timely schedules to the Spent Nuclear Fuel Project team. In performance of this responsibility, the roles of the scheduling group are defined as:

- The development of schedule data through knowledgeable and responsive interaction with the managers responsible for the technical and administrative scope,
- Assurance that interface with the responsible managers is a single point of contact,
- Coordinate WBS and WBS dictionaries between PMP level and detail (sub-project) level,
- Administer detail WBS and WBS dictionaries,
- Integrated SNF Project Schedule development and baseline control (logic, WBS, resources, integration and status),
- Sub-Project detail schedule development and control,
- Using the detail SNF Project Schedule to provide scheduling and resource information summed to different levels (see section 3) to support reporting and performance issues,
- Maintenance of the schedule data base,
- Development, status, and evaluation of Plan of the Week schedules,
- Status budget schedules to develop monthly performance information, S-curves, and critical path analysis,
- Milestone list development, status and control,
- Schedule commitment concurrence,

- Maximization of schedule production efficiency through the appropriate use of varying levels of experience of the scheduling personnel.

The roles define specific responsibilities for data collection, reporting, and variance analysis. Scheduling data is collected in a single data base on the Project Planning Software.

5.0 IMPLEMENTATION PLAN

5.1 Present Status

Project schedules are all maintained on a single data base. This data base integrates the different sub-projects at a summary level using the Path Forward logic. The integrated schedule provides general work scope and time phasing for the 1995 fiscal year work scope.

5.2 PHASE 1 - Draft SISMP Integrated Schedule for Total Project

Each of the sub-project schedules will be rolled up to provide a 200± activity integrated resource loaded schedule to support the Site Integrated Stabilization Management Plan (SISMP). This schedule will be based on the WHC proposed path forward document. The schedule activities will use a general resource loading of Hanford Subcontractor dollars, Labor dollars, Labor hours, Material dollars and Other dollars out to fiscal year 2003. The resource information comes from the detail backup cost estimates generated for the SNF Project Management Plan. This will be completed by March 1, 1995.

5.3 PHASE 2 - Modification of SISMP Schedule to New Path Forward

Using the rolled up summary SISMP schedule will be used to address the acceleration of the "new" path forward proposed by DOE in a February 13/14 meeting. This effort will look what changes will be required to met the new required dates and the modification to fiscal year budget requirements at a subproject summary level. This effort will be completed to provide required funding and schedule changes requirements to management before April 1, 1995.

5.4 PHASE 3 - Detail Resource Loading of Integrated Schedule

At the same time as phase 1 and 2 the detail resource loading of the sub-project schedules will be start and continue. Each of the sub-project's general resource loaded schedules will be replaced with resource loaded schedules using the organization code, FDS task package number, and other information at the lowest level of schedule detail. The initial focus of this effort will be on the next 6 month workscope that directly supports the K Basin operational staffing. Logic ties

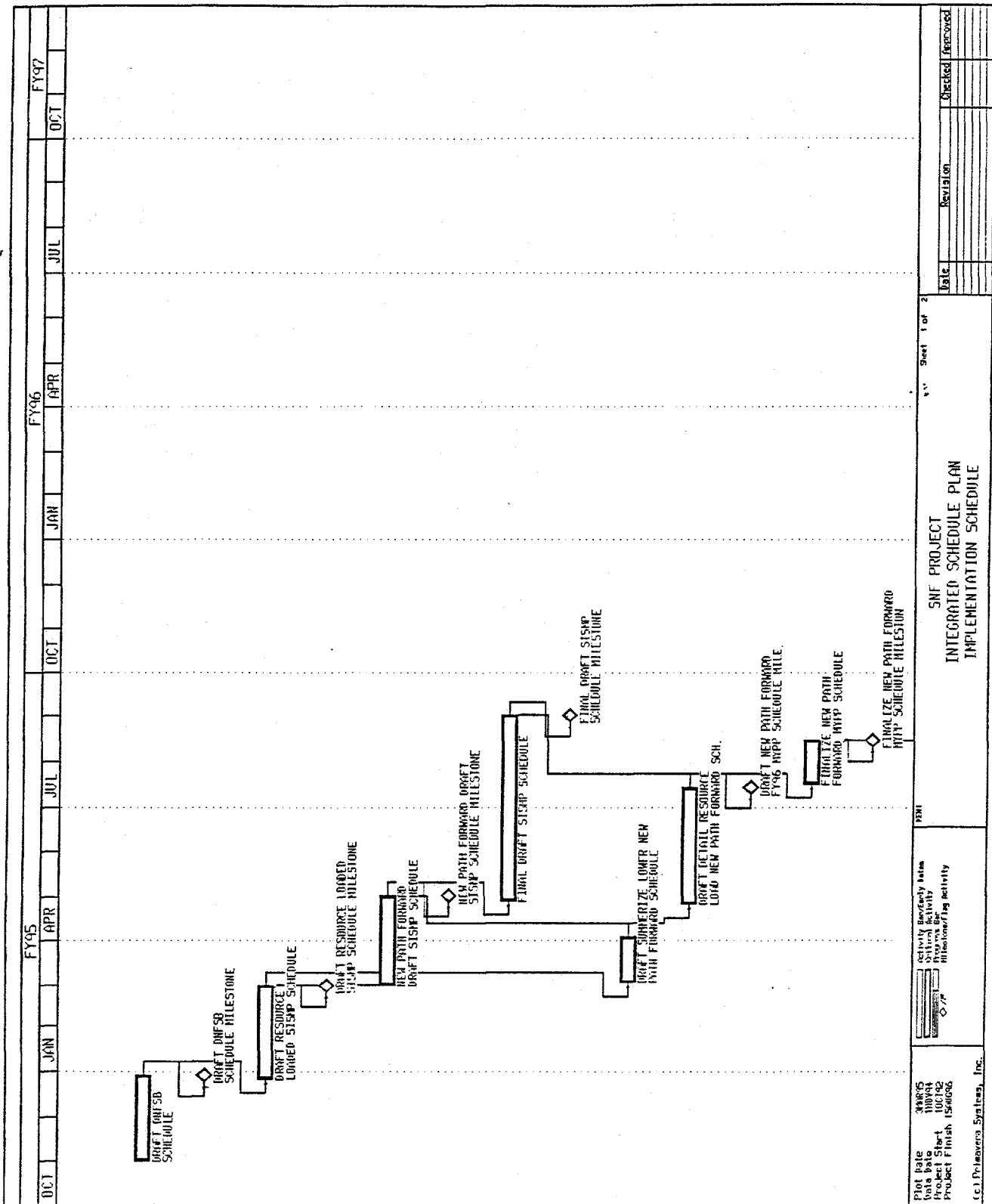
between the sub-projects are being made at the lowest possible level to develop best critical path possible for the SNF Project. Internal project change control should be instituted on each sub-project as the detail planning is completed to reduce the dynamics of the scheduling effort. The internal project change control should not restrict logic, funding, or duration changes created by the integration of other sub-projects into the data base. This will start the preparation of the integrated schedule for use as the FY 1996 MYPP data baseline. This effort will change resource profiles and resource loading at the detail level but should not create any change to total dollars at each of the CAP levels.

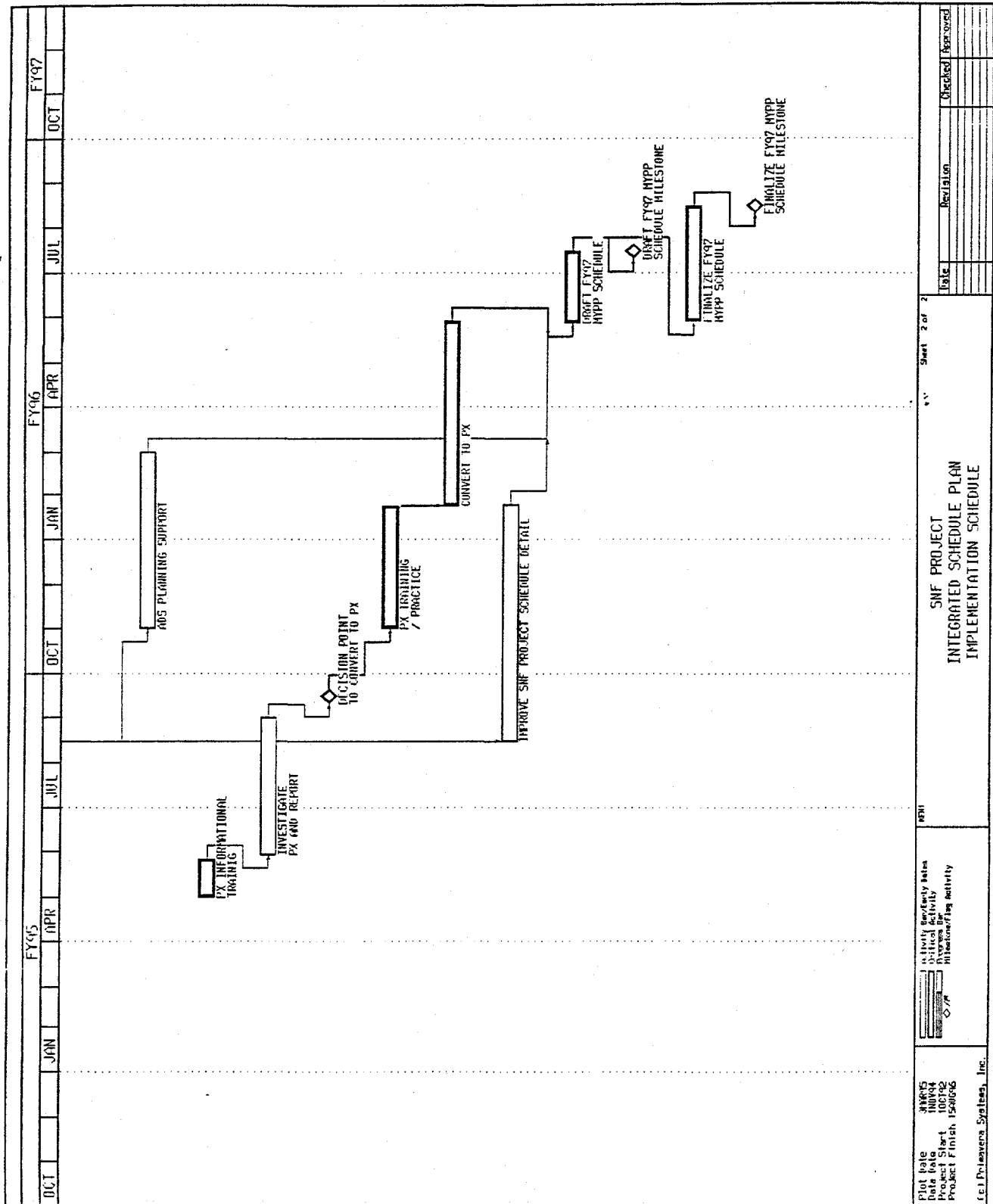
5.5 PHASE 4 - FY 1996 MYPP Integrated Resource Loaded Schedule

The integrated resource loaded schedule will be expanded in detail to include all FY 1996 and to the greatest level of detail for FY 1997 and FY 1998 available. The schedule will be used to define the FY 1996 work scope in detail, the time phasing of the work scope, and development of the fiscal year budget cost of work scheduled by month at the work package level. When the MYPP schedule meets the funding and work scope definition required by the project and DOE, the schedule resource information will be the base for the development of FY 1996 CAPs.

5.6 PHASE 5 - Conversion to PX Scheduling Software

Transition to PX scheduling software will occur. The SNF scheduling staff will need to be trained, and computer equipment upgraded. Then a four to six month transition period will be required to complete the conversion. Any efforts to standardize the current data base into PX system coding must be used. The actual conversion schedule has not been determined at this time but a proposed time frame is included in the implementation plan schedule.





APPENDIX A

**SCHEDULING SYSTEM
OPERATIONAL RULES**

A.1 Schedule Data Base Description

Master Project Level - The master project schedule contains all of the TPA, DOE HQ/RL and WHC Key milestones, Key Decision points for project and all of the sub-project schedules.

Sub-Project Level - Each of the sub-project schedules provide the lowest level of the integrated project schedule available or required to manage the specific work scope. The sub-project schedule details are where the resource loading will be accomplished, performance measurement reports (BCWS/BCWP) will be generated and where the integration between the different sub-projects happen.

A.2 Activity Coding Structure

The SNF Project Activity Coding Dictionary Structure for P3 has been finalized and is reflected as follows:

ELEMENT	POSITIONS	DESCRIPTION	REQUIREMENTS
WBS3	1	Program	Mandatory
WBS4	2	Program Element	Mandatory
WBS5	2	Activity	Mandatory
WBS6	2	Cost Account Package	Mandatory
WBS7	2	Work Package	Mandatory
WBS8	2	Task Package	Mandatory
WBSA	8	Print Order	Optional
SUMM	2	Summary Level	Optional
MILE	1	Milestone Type	Mandatory
MILN	5	Milestone Number	Mandatory
MGR	3	Responsible Manager	Optional
INDV	3	Responsible Individual	Optional
SCH1	3	Scheduler Discretion	Optional
SCH2	3	Scheduler Discretion	Optional
SCH3	3	Scheduler Discretion	Optional

The above structure will be used in all Primavera schedules done for the SNF Project. There should be no reason to request an exception to this rule. If, for some reason, you cannot follow this structure, approval to deviate from the structure must be obtained from the manager of schedule integration prior to deviation.

A.3 Resource Coding Structure

The SNF Resource Coding Structure for P3 will consist of the first five characters of the performing organizational code and the first three characters of the eighty eight skill codes. These combined characters will reside in the P3 resource field. Additional resource data will reside in the P3 cost account field in the cost categories position of that field.

Cost categories code structures are defined as follows:

CODE	CATEGORY TITLE
0	NONEXEMPT
1	EXEMPT
6	LABOR
E	EQUIPMENT
M	MATERIAL
S	SUBCONTRACTOR

A.4 Custom Field Structure

The SNF Project P3 Custom Data Items are defined as follows:

RESOURCE/COST CUSTOM DATA ITEMS

TITLE	FIELD TYPE	LENGTH	DESCRIPTION
1. QRBC	P	10	ORIG BUDGET COST
2. ORBQ	P	10	ORIG BUDGET QTY
3. SCHEDULER DISCRETION			
4. SCHEDULER DISCRETION			
5. SCHEDULER DISCRETION			
6. SCHEDULER DISCRETION			
7. SCHEDULER DISCRETION			
8. SCHEDULER DISCRETION			

ACTIVITY CUSTOM DATA ITEMS

TITLE	FIELD TYPE	LENGTH	DESCRIPTION
1. RES1	C	10	RESP
2. VAR1	C	4	VAR TAR
3. VAR2	C	4	LWEEK VAR
4. JCS#	C	10	JCS WORK PACKAGE
5. SCHEDULER DISCRETION			
6. SCHEDULER DISCRETION			
7. SCHEDULER DISCRETION			
8. SCHEDULER DISCRETION			

APPENDIX B

**ORGANIZATION ROLES,
RESPONSIBILITIES,
AND ASSIGNMENT MATRIX**

Specific roles and responsibilities for both the Schedule Integration staff and those organizations who use the integrated schedule data base are outlined below and are graphically described in Figure 1.

B.1 Project or Responsible Manager

Responsibilities:

- Develop plans for achieving the work scope within the assigned WBS elements. Identify specific activities and their logical relationship to other activities within and outside the manager's specific scope.
- Prepare budgets to accomplish the planned work scope and document the estimating base for the defined resources.
- Know and document the status of work in progress.
- Commit to the use of the schedule data base as the sole schedule information source.

Roles:

- Interface with the schedule integrator to document the plan as input to the schedule data base.
- Review schedule produced by the data base to assure validity of the timing and logical interfaces.
- Status the progress of work, identify the cause of variances and replan work if necessary.

B.2 Schedule Integrator

Responsibilities:

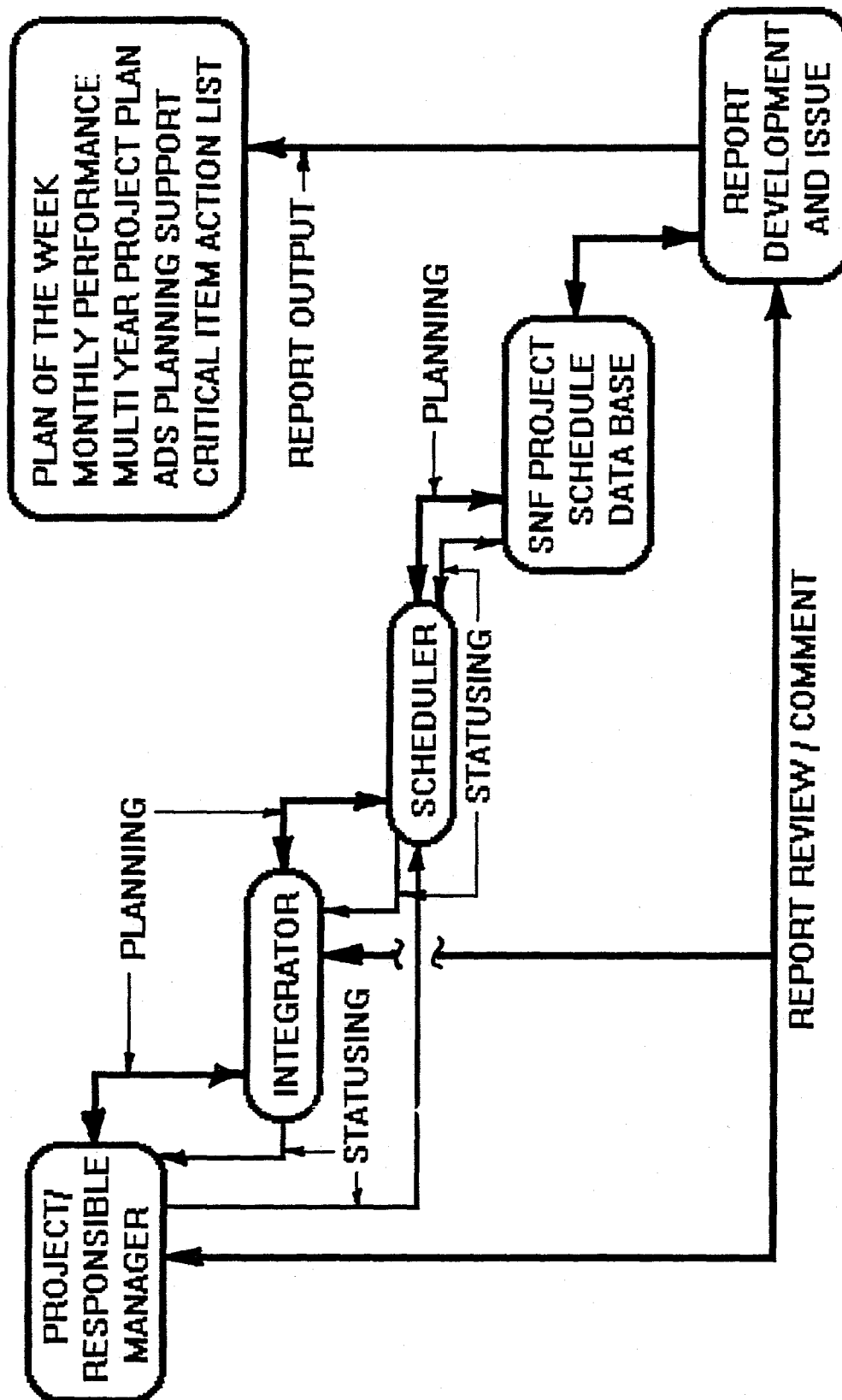
- Know the technical basis of the responsible managers work scope.
- Support the manager to develop schedule information, including: integration with other components of the project, insure scheduling practices are met, advice on the need for and durations of standard operations such as procurement, infrastructure upgrade and safety reviews.
- Assure that valid information is in the schedule data base.

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- Perform critical path analysis (understand the status activities, variances from the current schedule, impacts to succeeding activities) and recommends to management areas which require recovery planning.
- Review draft updated schedules and identify potential incorrect status and work with the responsible manager to insure the correct status.
- Coordinate WBS and WBS dictionaries between PMP level and detail (sub-project) level,
- Administer detail WBS and WBS dictionaries,
- Milestone list development, status and control,
- Schedule commitment concurrence,
- Maximize schedule production efficiency through the appropriate use of the varying levels of experience of the scheduling personnel.
- Assure that interface with the responsible managers is a single point of contact.
- Integrated SNF Project Schedule development and baseline control (logic, WBS, resources, integration and status),
- Sub-Project detail schedule development and control,

Roles:

- Work with the responsible manager to document the work completion plan schedule activities. Provide documentation, in the form of sketches or redline schedules, to the scheduler for input to the data base. The information in the data base must be verified by the integrator as correct as specified by the responsible manager.
- Maintain an interface with other schedule integrators to establish logical relationship of external activities.
- Interface with the responsible managers to ensure the progress status has been provided. Make the managers aware of variances and the impacts on other activities.
- Attend management review meetings which deal with performance measurement and technical issues of the integrated schedule. Represent the schedule integration organization at these meetings.



SCHEDULING FLOW SHEET

Figure 1

B.3 Scheduler

Responsibilities:

- Input and maintain the Schedule Data Base.
- Assure the quality of schedule data in the data base including activities and code information.
- Work directly with the responsible managers to input detail activities which expand information below existing schedule activities.
- Insure collection of weekly and monthly schedule activity progress and provide reports for meetings and management review. (examples are plan of the week schedule and monthly performance of the Fiscal Year Operating Schedule)

Roles:

- Operate the Project Planning software to input data and provide graphics and reports as requested. Utilize efficient project planning software manipulation techniques.
- Notify the Schedule Integrators of inconsistencies in the data base relative to activities and logic.
- Implement checks to assure the quality of data in the data base.
- Input data from the responsible managers for detail associated with subordinate activities. Make the Schedule Integrator aware of new information and if incongruities arise.

B.4 Data Base Administrator

Responsibilities:

- Establish the protocol for setup and maintenance of the Scheduling Data Base.
- Provide expertise with respect to the scheduling software and computer hardware.
- Electronically collect project scheduling data and transmit reports with the needed information to budget analyst for FDS input.

B5

- Create and maintain the scheduling resource library within the scheduling software.

- Ensure the all MODMAST changes are correctly reflected in the schedule.
- Coordinate statusing of the schedule data base in a timely manner with a standard data date. Support the preparation of all performance measurement reports.
- Assure the quality of data in the data base.

Roles:

- Provide recommendations to the scheduling manager relative to the setup and maintenance of the scheduling software and hardware.
- Set protocols to assure the quality of data.
- Coordinate with budget analyst on FDS related activities.
- Coordinate the actions of schedulers and the timing and content of graphics and reports.
- Insure input from schedule integrators are included in the schedules.

B.5 Management Control

Responsibilities:

- Provide expertise with respect to the FDS system.
- Provide change control administration.
- Insure estimating basis for resources loading of schedules is documented.

Roles:

- Set protocols to assure the quality of data.
- Coordinate with the data base administrator on subject relating to the FDS system and BCWS/BCWP generation.
- Coordinate with the data base administrator on the timing and content of graphics and reports which are based on the integrated schedule.
- Define and assist in the generation of summarized project schedules to support the Spent Nuclear Fuel reporting function.

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B.6 Assignment Matrix

3/2/95		SPENT NUCLEAR FUEL PROJECT				
Seda		WBS Subproject ID/WBSA Numbers/Resp/Integrator/Scheduler				
SUB PROJ	WBS	FDS	WBS	Resp		
ID letters	NUMBER	LVL /WBSA	DESCRIPTION	Manager	Integrator	Scheduler
A- area	1.4.1.01	6 00	Project Management	Denning	John N.	Marv S.
AA	1.4.1.01.01	7 01.10.xx	Planning and Scheduling Integration	Magnani	John N.	Marv S.
	1.4.1.01.02	7 01.20.xx	Management Controls	Fuquay	John N.	Marv S.
	1.4.1.01.03	7 01.30.xx	Management Administration	Hages	John N.	Marv S.
	1.4.1.01.04	7 01.40.xx	OA/ES&H	Smith	John N.	Marv S.
	1.4.1.01.05	7 01.50.xx	Configuration management		John N.	Marv S.
	1.4.1.01.06	7 01.60.xx	Qualification and Training Management	Hages	John N.	Marv S.
	1.4.1.01.07	7 01.70.xx	National Programs	McCormack	John N.	Marv S.
	1.4.1.01.08	7 01.80.xx	Tri-Party Agreement	Mooers	John N.	Marv S.
	1.4.1.01.09	7 01.90.xx	Public/Regulatory Involvement	Mooers	John N.	Marv S.
	1.4.1.01.09.01	7 01.95.xx	Regulatory/Stakeholder/Tribal/Public/Meida/Gov,t./Com/Emp	Mooers	John N.	Marv S.
B- area	1.4.1.02	6 10	Systems Engineering	Womack	Ken/Dave	Marv S.
BA	1.4.1.02.01	7 11.10.xx	Mission Analysis	Womack	Ken/Dave	Marv S.
	1.4.1.02.02	7 11.20.xx	Functions and Requirements	Womack	Ken/Dave	Marv S.
	1.4.1.02.03	7 11.30.xx	Systems Engineering Management	Womack	Ken/Dave	Marv S.
	1.4.1.02.04	7 11.40.xx	Systems Engineering Review	Womack	Ken/Dave	Marv S.
C	Open					
D- area	1.4.1.03	4 20	K Basin Activities	Truax	John N.	Eric W.
DA	1.4.1.03.01	5 21.10.xx	K Basin Operations	Truax	John N.	Eric W.
	1.4.1.03.01.01	6 21.20.xx	Operations Management	Truax	John N.	Eric W.
	1.4.1.03.01.02	6 21.30.xx	ES&H	Truax	John N.	Eric W.
	1.4.1.03.01.03	6 21.40.xx	Facility Controls	Truax	John N.	Eric W.
	1.4.1.03.01.04	6 21.50.xx	Waste Handling	Truax	John N.	Eric W.
	1.4.1.03.01.06	6 21.60.xx	Operations Liaison	Truax	John N.	Eric W.
DB	1.4.1.03.01.05	6 21.70.xx	K Basins Infrastructure Upgrades	Defigh-Price	John N.	Don G.
DC	Left open - Used to be		Regulatory Requirements			
DD	Left open					
DE	1.4.1.03.02	5 22.10.xx	K Basins Facility Projects			
	1.4.1.03.02.01	6 22.20.xx	Essential Systems Recovery (W-405)	Larue	Ken S.	Don G.
	1.4.1.03.02.01.01	7 22.30.xx	Water Supply	Larue	Ken S.	Don G.
	1.4.1.03.02.01.02	7 22.40.xx	Electrical Supply	Larue	Ken S.	Don G.
	1.4.1.03.02.01.03	7 22.50.xx	Fire Protection	Larue	Ken S.	Don G.
	1.4.1.03.02.01.04	7 22.60.xx	Maintenance Facility	Larue	Ken S.	Don G.
DF	1.4.1.03.02.02	6 23.xx.xx	Seismic Barriers	Truax	John N.	Don G.
DG	1.4.1.03.02.03	6 24.xx.xx	IX Module Disposition	Defigh-Price	John N.	Don G.
DH	1.4.1.03.02.04	6 25.xx.xx	Deactivate Basins	Truax	John N.	Don G.
DJ	1.4.1.03.02.05	5 26.xx.xx	Facility Support Projects	Truax	John N.	
DK	1.4.1.03.02.05.01	6 27.xx.xx	Roof Repair- K Basins East & West	Truax	John N.	Eric W.
DL	1.4.1.03.02.05.02	6 28.xx.xx	Move Trailers to 100K Area	Truax	John N.	Eric W.

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SUB PROJ	WBS	FDS	WBS	Resp		
ID letters	NUMBER	LVL	WBSA	DESCRIPTION	Manager	Integrator Scheduler
E- area	1.4.1.04	4	30	K Basins Material Removal/Clean-Up		
EA	1.4.1.04.01	5	31.10	Characterization	Omberg	Dee H. Eric W.
	1.4.1.04.01.01	6	31.10.xx	Fuel	Omberg	Dee H. Eric W.
	1.4.1.04.01.01.01	7	31.12.xx	DQO/Sample Plan - Fuel	Omberg	Dee H. Eric W.
	1.4.1.04.01.01.02	7	31.14.xx	Transport - Fuel	Omberg	Dee H. Eric W.
	1.4.1.04.01.01.03	7	31.16.xx	Data Report - Fuel	Omberg	Dee H. Eric W.
	1.4.1.04.01.02	6	31.20.xx	Sludge	Omberg	Dee H. Eric W.
	1.4.1.04.01.02.01	7	31.22.xx	DQO/Sample Plan - Sludge	Omberg	Dee H. Eric W.
	1.4.1.04.01.02.02	7	31.24.xx	Transport - Sludge	Omberg	Dee H. Eric W.
	1.4.1.04.01.02.03	7	31.26.xx	Data Report - Sludge	Omberg	Dee H. Eric W.
	1.4.1.04.01.03	6	31.30.xx	Water	Omberg	Dee H. Eric W.
	1.4.1.04.01.03.01	7	31.32.xx	DQO/Sample Plan - Water	Omberg	Dee H. Eric W.
	1.4.1.04.01.03.02	7	31.34.xx	Transport - Water	Omberg	Dee H. Eric W.
	1.4.1.04.01.03.03	7	31.35.xx	Data Report - Water	Omberg	Dee H. Eric W.
	1.4.1.04.01.04	6	31.40.xx	Debris	Omberg	Dee H. Eric W.
	1.4.1.04.01.04.01	7	31.42.xx	DQO/Sample Plan - Debris	Omberg	Dee H. Eric W.
	1.4.1.04.01.04.02	7	31.44.xx	Transport - Debris	Omberg	Dee H. Eric W.
	1.4.1.04.01.04.03	7	31.46.xx	Data Report - Debris	Omberg	Dee H. Eric W.
	1.4.1.04.01.05	6	31.5x.xx	Other Fuel	Omberg	Dee H. Eric W.
	1.4.1.04.01.06	6	31.6x.xx	EA K-Basins Fuel Characterization	Mooers	Dee H. Eric W.
	1.4.1.04.01.07	6	31.7x.xx	EIS Expedited Fuel Removal	Mooers	Dee H. Eric W.
EB	1.4.1.04.02	5	32	Pre-Removal/Clean-up Activities		
	1.4.1.04.02.01	6	32.10.xx	Dose Reduction	Creed	Ken/Lanc Lance O.
	1.4.1.04.02.01.01	7	32.20.xx	Methods of Reducing Dose	Creed	Ken/Lanc Lance O.
EC	1.4.1.04.02.02	6	33	Fuel Removal System		Ken/Dave Marv S.
	1.4.1.04.02.02.01	7	33.10.xx	Fuel System Definition	Goldmann	Ken/Dave Marv S.
	1.4.1.04.02.02.02	7	33.20.xx	Fuel System Design/Acquisition	Goldmann	Ken/Dave Marv S.
	1.4.1.04.02.02.03	7	33.30.xx	Fuel System Turnover to Operations	Goldmann	Ken/Dave Marv S.
	1.4.1.04.02.02.04	7	33.40.xx	Fuel SystemRegulatory/Compliance	Mooers	Ken/Dave Marv S.
	1.4.1.04.02.02.05	7	33.50.xx	HAZOP/USQ Evaluation/SAR,ISB & IOSR Update	Mooers	Ken/Dave Marv S.
ED	1.4.1.04.02.03	6	34	Sludge Removal System		Ken/Frank Lance O.
	1.4.1.04.02.03.01	7	34.10.xx	Sludge System Definition	Alderman	Ken/Frank Lance O.
	1.4.1.04.02.03.02	7	34.20.xx	Sludge System Design/Acquisition	Alderman	Ken/Frank Lance O.
	1.4.1.04.02.03.03	7	34.30.xx	Sludge System Turnover to Operations	Alderman	Ken/Frank Lance O.
	1.4.1.04.02.03.04	7	34.40.xx	Sludge SystemRegulatory/Compliance	Mooers	Ken/Frank Lance O.
	1.4.1.04.02.03.05	7	34.50.xx	HAZOP/USQ Evaluation/SAR,ISB & IOSR Update	Mooers	Ken/Frank Lance O.
EF	1.4.1.04.02.04	6	35	Debris Removal	Crystal	Ken/Frank Marv S.
	1.4.1.04.02.04.01	7	35.10.xx	Debris System Definition	Crystal	Ken/Frank Marv S.
	1.4.1.04.02.04.02	7	35.20.xx	Debris System Design/Acquisition	Crystal	Ken/Frank Marv S.
	1.4.1.04.02.04.03	7	35.30.xx	Debris System Turnover to Operations	Crystal	Ken/Frank Marv S.
	1.4.1.04.02.04.04	7	35.40.xx	Debris SystemRegulatory/Compliance	Mooers	Ken/Frank Marv S.
	1.4.1.04.02.04.05	7	35.50.xx	HAZOP/USQ Evaluation/SAR,ISB & IOSR Update	Mooers	Ken/Frank Marv S.
EG	1.4.1.04.02.05	6	36	Water Removal	Frederickson	Ken/Frank Rey R.
	1.4.1.04.02.05.00	7	36.05	Cartridge Filter Modification	Crystal	Ken/Frank Rey R.
	1.4.1.04.02.05.01	7	36.10.xx	Water System Definition	Sherrell	Ken/Frank Rey R.
	1.4.1.04.02.05.02	7	36.20.xx	Water System Design/Acquisition	Sherrell	Ken/Frank Rey R.
	1.4.1.04.02.05.03	7	36.30.xx	Water System Turnover to Operations	Sherrell	Ken/Frank Rey R.
	1.4.1.04.02.05.04	7	36.40.xx	Water SystemRegulatory/Compliance	Mooers	Ken/Frank Rey R.
	1.4.1.04.02.05.05	7	36.50.xx	HAZOP/USQ Evaluation/SAR,ISB & IOSR Update	Mooers	Ken/Frank Rey R.
EH	1.4.1.04.02.06	6	37	Cold Test Facility	Moore F	Ken/Lanc Lance O.
	1.4.1.04.02.06.01	7	37.10.xx	Modify Cold Test Facility	Moore F	Ken/Lanc Lance O.
	1.4.1.04.02.06.02	7	37.20.xx	Operate Cold Test Facility	Moore F	Ken/Lanc Lance O.

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SUB PROJ	WBS	FDS	WBS	Resp		
ID letters	NUMBER	ILVL / WBSA	DESCRIPTION	Manager	Integrator	Scheduler
EI	1.4.1.04.03	5 38	Removal/Clean-up Operations - K Basin East	Weimers	Ken S.	
	1.4.1.04.03.01	6 38.10.xx	Fuel Removal Operations	Frederickson	Ken/Dave	Marv S.
	1.4.1.04.03.02	6 38.20.xx	Sludge Removal Operations	Frederickson	Ken/Frank	Lance O.
	1.4.1.04.03.03	6 38.30.xx	Debris Removal Operations	Frederickson	Ken/Frank	Marv S.
	1.4.1.04.03.04	6 38.40.xx	Water Removal Operations	Frederickson	Ken/Frank	Rey R.
	1.4.1.04.03.05	6 38.50.xx	Implement Dose Reduction Method for Rem/Clean Activity	Frederickson	Ken/Lanc	Lance O.
EJ	1.4.1.04.04	5 39	Removal/Clean-up Operations - K Basin West	Weimers	Ken S.	
	1.4.1.04.04.01	6 39.10.xx	Fuel Removal Operations	Frederickson	Ken/Dave	Marv S.
	1.4.1.04.04.02	6 39.20.xx	Sludge Removal Operations	Frederickson	Ken/Frank	Lance O.
	1.4.1.04.04.03	6 39.30.xx	Debris Removal Operations	Frederickson	Ken/Frank	Marv S.
	1.4.1.04.04.04	6 39.40.xx	Water Removal Operations	Frederickson	Ken/Frank	Rey R.
	1.4.1.04.04.05	6 39.50.xx	Operations Liaison	Frederickson	Ken/Lance	
F-area	1.4.1.05	6 40	MCO Acquisition (W-442)		Ken S.	Chris U.
FA						
	1.4.1.05.01	7 41.10.xx	MCO Acquisition Definition	Frederickson	Ken/Dave	Chris U.
	1.4.1.05.02	7 41.20.xx	MCO Acquisition/Management		Ken/Dave	Chris U.
	1.4.1.05.03	7 41.30.xx	MCO Design	Frederickson	Ken/Dave	Chris U.
	1.4.1.05.04	7 41.40.xx	MCO Fabrication	Frederickson	Ken/Dave	Chris U.
	1.4.1.05.05	7 41.50.xx	Testing/Qualification MCO's	Frederickson	Ken/Dave	Chris U.
	1.4.1.05.06	7 41.60.xx	MCO Topical Safety Reprot	Mooers	Ken/Dave	Chris U.
	1.4.1.05.07	7 41.70.xx	EA Fab/Procure/Use Overpacks & Move of Fuel in K-Basin	Mooers	Ken/Dave	Chris U.
FB	1.4.1.06	6 42	Cask/Transportation System (W-443)			Rey R.
	1.4.1.06.01	7 43.10.xx	Cask/Transportation system Acquisition Definition	Kee	Ken/Dave	Rey R.
	1.4.1.06.02	7 43.20.xx	Cask/Transportation system Acquisition and Managment		Ken/Dave	Rey R.
	1.4.1.06.03	7 43.30.xx	Cask Design	Kee	Ken/Dave	Rey R.
	1.4.1.06.04	7 43.40.xx	Conveyance System Design	Kee	Ken/Dave	Rey R.
	1.4.1.06.05	7 43.50.xx	Cask Fabrication	Kee	Ken/Dave	Rey R.
	1.4.1.06.06	7 43.60.xx	Transportation System Fabrication/Construction	Kee	Ken/Dave	Rey R.
	1.4.1.06.07	7 43.70.xx	Testing and Qualification of Cask	Kee	Ken/Dave	Rey R.
	1.4.1.06.08	7 43.80.xx	Testing and ORR of Transportation	Kee	Ken/Dave	Rey R.
	1.4.1.06.09	7 43.85.xx	Regulatory/Compliance	Mooers	Ken/Dave	Rey R.
	1.4.1.06.09.01	7 43.90.xx	Cask Safety Analysis Report	Mooers	Ken/Dave	Rey R.
	1.4.1.06.09.02	7 43.95.xx	EIS for Cask/Transportation	Mooers	Ken/Dave	Rey R.
G-area	1.4.1.07	4 50	Fuel Staging and Storage Acquisition (W-379)			
GA						
	1.4.1.07.01	6 51	Staging/Storage Facility	Henderson	Ken S.	Jim F.
	1.4.1.07.01.01	7 51.10.xx	Staging and Storage Acquisition Definition	Henderson	Ken S.	Jim F.
	1.4.1.07.01.02	7 51.20.xx	Staging and Storage Acquisition/Management	Henderson	Ken S.	Jim F.
	1.4.1.07.01.03	7 51.30.xx	Staging/Storage Facility Design	Henderson	Ken S.	Jim F.
	1.4.1.07.01.04	7 51.40.xx	Staging/Storage Facility Construction	Henderson	Ken S.	Jim F.
	1.4.1.07.01.05	7 51.50.xx	Testing/Qualification Staging/Storage Facility	Henderson	Ken S.	Jim F.
	1.4.1.07.01.06	7 51.60.xx	Staging/Storage Facility Topical Safety Report	Henderson	Ken S.	Jim F.
	1.4.1.07.01.07	7 51.70.xx	Interim Actions EIS, Staging Storage Facility	Henderson	Ken S.	Jim F.
	1.4.1.07.01.08	7 51.80.xx	Regulatory Requirements for Staging/Storage Facility	Henderson	Ken S.	Jim F.
	1.4.1.07.01.09	7 51.90.xx	One Step SAR for Staging/Storage Facility	Moore C.	Ken S.	Jim F.
	1.4.1.07.01.10	7 51.95.xx	CAA/CWA	Moore C.	Ken S.	Jim F.
GB						
	1.4.1.07.02	6 52	Staging and Storage Operations		Ken S.	Chris U.
	1.4.1.07.02.01	7 52.10.xx	Conduct of Operations - Staging/Storage Facility		Ken S.	Chris U.
	1.4.1.07.02.02	7 52.20.xx	Operation of Staging/Storage Facility		Ken S.	Chris U.
	1.4.1.07.02.02.01	8 52.25.xx	Storage and Monitoring MCO's		Ken S.	Chris U.
	1.4.1.07.02.03	7 52.30.xx	Waste Handling for Staging/Storage Facility		Ken S.	Chris U.
	1.4.1.07.02.04	7 52.40.xx	Receive Fuel and Sludge		Ken S.	Chris U.
	1.4.1.07.02.05	7 52.50.xx	Inter-Facility Transfer of MCO's in Intra-Facility Cask		Ken S.	Chris U.
	1.4.1.07.02.06	7 52.60.xx	Store Fuel for Disposition		Ken S.	Chris U.
	1.4.1.07.02.07	7 52.70.xx	Deactivate Staging/Storage Facility		Ken S.	Chris U.

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SUB PROJ	WBS	FDS	WBS	Resp		
ID letters	NUMBER	LVL WBSA	DESCRIPTION	Manager	Integrator	Scheduler
H- area	1.4.1.08	4 60	Fuel Stabilization Facility (W-441)		Ken S.	Rey R.
HA	1.4.1.08.01	6 61.10.xx	Fuel Stabilization Facility Acquisition		Ken/Dave	Rey R.
	1.4.1.08.01.01	7 61.20.xx	Fuel Stabilization Facility Acquisition Definition		Ken/Dave	Rey R.
	1.4.1.08.01.02	6 61.30.xx	Process and Technology Development		Ken/Dave	Rey R.
	1.4.1.08.01.03	6 61.40.xx	Stabilization Facility Acquisition and Management		Ken/Dave	Rey R.
	1.4.1.08.01.04	6 61.50.xx	Stabilization Facility Design		Ken/Dave	Rey R.
	1.4.1.08.01.05	6 61.60.xx	Stabilization Facility Construction		Ken/Dave	Rey R.
	1.4.1.08.01.06	6 61.70.xx	Facility Start-Up and ORR		Ken/Dave	Rey R.
	1.4.1.08.01.07	6 61.80.xx	Regulatory Requirements for Fuel Stabilization Facility	Moore C.	Ken/Dave	Rey R.
	1.4.1.08.01.08	6 61.85.xx	Stabilization Facility PSAR/FSAR	Moore C.	Ken/Dave	Rey R.
	1.4.1.08.01.09	6 61.90.xx	Hanford SNF EIS	Moore C.	Ken/Dave	Rey R.
	1.4.1.08.01.10	6 61.95.xx	CAA/CWA	Moore C.	Ken/Dave	Rey R.
HB	1.4.1.08.02	6 62	Fuel Stabilization Facility Operations		Ken/Dav	Rey R.
	1.4.1.08.02.01	7 62.10.xx	Conduct of Operations - Fuel Stabilization Facility		Ken/Dav	Rey R.
	1.4.1.08.02.02	7 62.20.xx	Operation of Fuel Stabilization Facility		Ken/Dav	Rey R.
	1.4.1.08.02.03	7 62.30.xx	Receive Fuel and Sludge - Fuel Stabilization Facility		Ken/Dav	Rey R.
	1.4.1.08.02.04	7 62.40.xx	Process Fuel and Sludge - Fuel Stabilization Facility		Ken/Dav	Rey R.
	1.4.1.08.02.04.01	7 62.45.xx	Inter-facility Transfer of MCO in Intra-Facility Cask		Ken/Dav	Rey R.
	1.4.1.08.02.05	7 62.50.xx	Return Fuel and Sludge to Storage Facility		Ken/Dav	Rey R.
	1.4.1.08.02.06	7 62.60.xx	Waste Handling		Ken/Dav	Rey R.
	1.4.1.08.02.07	7 62.70.xx	Disposition of Sludge		Ken/Dav	Rey R.
	1.4.1.08.02.08	7 62.80.xx	Deactivate Fuel Stabilization Facility		Ken/Dav	Rey R.
IA	1.4.1.09	4 70	Other Hanford Fuel Retrieval, Process & Stor Fac		Dee H.	Chris U.
JA	1.4.1.09.01	6 71.xx.xx	PUREX	McCormack	Dee H.	Chris U.
KA	1.4.1.09.02	6 72.xx.xx	Burial Grounds	McCormack	Dee H.	Chris U.
LA	1.4.1.09.03	6 73.xx.xx	T-Plant	McCormack	Dee H.	Chris U.
MA	1.4.1.09.04	6 74.xx.xx	PNL Labs Buildings 324, 325, 327	McCormack	Dee H.	Chris U.
NA	1.4.1.09.05	6 75.xx.xx	308 Annex	McCormack	Dee H.	Chris U.
PA *	1.4.1.09.06	6 76.xx.xx	FFTF	McCormack	Dee H.	Chris U.
RA	1.4.1.09.07	6 77.xx.xx	PFP	McCormack	Dee H.	Chris U.

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APPENDIX C
WORK BREAKDOWN STRUCTURE
AND DICTIONARIES

C.1 WORK BREAKDOWN STRUCTURE

1.4.1.01	Project Management
1.4.1.01.01	Planning and Scheduling Integration
1.4.1.01.02	Management Controls
1.4.1.01.03	Management Administration
1.4.1.01.04	QA/ES&H
1.4.1.01.05	Configuration Management
1.4.1.01.06	Qualification and Training Management
1.4.1.01.07	National Programs
1.4.1.01.08	Tri-Party Agreement
1.4.1.01.09	Public/Regulatory Involvement
1.4.1.01.09.01	Regulatory/Stakeholder/Tribal/Public/Media/Gov,t./Community/Employee
1.4.1.02	System Engineering
1.4.1.02.01	Mission Analysis
1.4.1.02.02	Functions and Requirements
1.4.1.02.03	Systems Engineering Management
1.4.1.02.04	Systems Engineering Review
1.4.1.03	K Basin Activities
1.4.1.03.01	K Basins Operations
1.4.1.03.01.01	Operations Management
1.4.1.03.01.02	ES&H
1.4.1.03.01.03	Facility Controls
1.4.1.03.01.04	Waste Handling
1.4.1.03.01.05	K Basins Operation Readiness Review
1.4.1.03.01.06	Operation Liaison
1.4.1.03.02	K Basins Facility Projects
1.4.1.03.02.01	Essential Systems Recovery
1.4.1.03.02.01.01	Water Supply
1.4.1.03.02.01.02	Electrical System
1.4.1.03.02.01.03	Fire Protection
1.4.1.03.02.01.04	Maintenance Facility
1.4.1.03.02.02	Seismic Barriers
1.4.1.03.02.03	IX Disposition
1.4.1.03.02.04	Deactivate Basins
1.4.1.03.02.05	Facility Support Projects
1.4.1.03.02.05.01	Roof Repair - K Basins East and West
1.4.1.03.02.05.02	Move Trailers to 100K Area

1.4.1.04

K Basins Material Removal/Clean-Up

1.4.1.04.01
1.4.1.04.01.01
1.4.1.04.01.02
1.4.1.04.01.03
1.4.1.04.01.04
1.4.1.04.01.05
1.4.1.04.01.06
1.4.1.04.01.07

Characterization
Fuel
Sludge
Water
Debris
Other Fuel
EA K Basins Fuel Characterization
EIS Expedited Fuel Removal

1.4.1.04.02
1.4.1.04.02.01
1.4.1.04.02.01.01
1.4.1.04.02.02
1.4.1.04.02.02.01
1.4.1.04.02.02.02
1.4.1.04.02.02.03
1.4.1.04.02.02.04
1.4.1.04.02.02.05
1.4.1.04.02.03
1.4.1.04.02.03.01
1.4.1.04.02.03.02
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1.4.1.04.02.05.01
1.4.1.04.02.05.02
1.4.1.04.02.05.03
1.4.1.04.02.05.04
1.4.1.04.02.05.05
1.4.1.04.02.06
1.4.1.04.02.06.01
1.4.1.04.02.06.02

Pre-Removal/Cleanup Activities
Dose Reduction
Methods of Reducing Dose
Fuel Removal System
Fuel System Definition
Fuel System Equipment Design/Acquisition
Fuel System Turnover To Operation
Fuel System Regulatory/Compliance
HAZOP/USQ Evaluation/SAR, ISB and IOSR Update
Sludge Removal System
Sludge System Definition
Sludge System Equipment Design/Acquisition
Sludge System Turnover To Operation
Sludge System Regulatory/Compliance
HAZOP/USQ Evaluation/SAR, ISB and IOSR Update
Debris Removal
Debris System Definition
Debris System Equipment Design/Acquisition
Debris System Turnover To Operation
Debris System Regulatory/Compliance
HAZOP/USQ Evaluation/SAR, ISB and IOSR Update
Water Removal
Water System Definition
Water System Equipment Design/Acquisition
Water System Turnover To Operation
Water System Regulatory/Compliance
HAZOP/USQ Evaluation/SAR, ISB and IOSR Update
Cold Test Facility
Modify Cold Test Facility
Operate Cold Test Facility

1.4.1.04.03
1.4.1.04.03.01
1.4.1.04.03.02
1.4.1.04.03.03
1.4.1.04.03.04
1.4.1.04.03.05

Removal/Cleanup Operations - K Basins East
Fuel Removal Operations
Sludge Removal Operations
Debris Removal Operations
Water Removal Operations
Implement Dose Reduction Method for Removal/Cleanup Activities

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1.4.1.04.04	Removal/Cleanup Operations - K Basins West
1.4.1.04.04.01	Fuel Removal Operations
1.4.1.04.04.02	Sludge Removal Operations
1.4.1.04.04.03	Debris Removal Operations
1.4.1.04.04.04	Water Removal Operations
1.4.1.04.04.05	Operation Liaison
1.4.1.05	MCO Acquisition
1.4.1.05.01	MCO Acquisition Definition
1.4.1.05.02	MCO Acquisition/Management
1.4.1.05.03	MCO Design
1.4.1.05.04	MCO Fabrication
1.4.1.05.05	Testing/Qualification MCO's
1.4.1.05.06	MCO Topical Safety Report
1.4.1.05.07	EIS Fabrication/Procure/Use Overpacks and Movement of Fuel in K Basins
1.4.1.06	Cask/Transportation System
1.4.1.06.01	Cask/Transportation System Acquisition Definition
1.4.1.06.02	Cask/Transportation System Acquisition and Management
1.4.1.06.03	Cask Design
1.4.1.06.04	Transportation System Design
1.4.1.06.05	Cask Fabrication
1.4.1.06.06	Transportation System Fabrication/Construction
1.4.1.06.07	Testing and Qualification of Cask
1.4.1.06.08	Testing and ORR of Transportation
1.4.1.06.09	Regulatory/Compliance
1.4.1.06.09.01	Cask Safety Analysis Report
1.4.1.06.09.02	EIS for Cask/Transportation
1.4.1.07	Fuel Transportation Staging and Storage Acquisition
1.4.1.07.03	Staging/Storage Facility
1.4.1.07.03.01	Staging/Storage Facility Acquisition Definition
1.4.1.07.03.02	Staging/Storage Facility Acquisition/Management
1.4.1.07.03.03	Staging/Storage Facility Design
1.4.1.07.03.04	Staging/Storage Facility Construction
1.4.1.07.03.05	Testing/Qualification Staging/Storage Facility
1.4.1.07.03.06	Staging/Storage Facility Topical Safety Report
1.4.1.07.03.07	EIS Staging/Storage Facility
1.4.1.07.03.08	Regulatory Requirements for Staging/Storage Facility
1.4.1.07.03.09	One Step SAR for Staging/Storage Facility
1.4.1.07.03.10	CAA/CWA

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1.4.1.07.04	Transportation Staging/Storage Operations
1.4.1.07.04.01	Conduct Of Operations - Staging/Storage Facility
1.4.1.07.04.02	Operation of Staging/Storage Facility
1.4.1.07.04.02.01	Storage and Monitoring MCO's
1.4.1.07.04.03	Waste Handling for Staging/Storage Facility
1.4.1.07.04.04	Receive Fuel and Sludge
1.4.1.07.04.05	Inter-Facility Transfer of MCO's in Intra-Facility Cask
1.4.1.07.04.06	Stage Fuel for Disposition
1.4.1.07.04.07	Deactivate Staging/Storage Facility

1.4.1.08

Fuel Stabilization Facility

1.4.1.08.01	Fuel Stabilization Facility Acquisition
1.4.1.08.01.01	Fuel Stabilization Facility Acquisition Definition
1.4.1.08.01.02	Process and Technology Development
1.4.1.08.01.03	Stabilization Facility Acquisition and Management
1.4.1.08.01.04	Stabilization Facility Design
1.4.1.08.01.05	Stabilization Facility Construction
1.4.1.08.01.06	Facility Start-Up and ORR
1.4.1.08.01.07	Regulatory Requirements for Fuel Stabilization Facility
1.4.1.08.01.08	Stabilization Facility PSAR/FSAR
1.4.1.08.01.09	Hanford SNF EIS
1.4.1.08.01.10	CAA/CWA

1.4.1.08.02	Fuel Stabilization Facility Operations
1.4.1.08.02.01	Conduct of Operations - Fuel Stabilization Facility
1.4.1.08.02.02	Operation of Fuel Stabilization Facility
1.4.1.08.02.03	Receive Fuel and Sludge - Fuel Stabilization Facility
1.4.1.08.02.04	Process Fuel and Sludge - Fuel Stabilization Facility
1.4.1.08.02.04.01	Inter-Facility Transfer of MCO in Intra-Facility Cask
1.4.1.08.02.05	Return Fuel and Sludge to Storage Facility
1.4.1.08.02.06	Waste Handling
1.4.1.08.02.07	Disposition of Sludge
1.4.1.08.02.08	Deactivate Fuel Stabilization Facility

1.4.1.09

Other Hanford Fuel Retrieval Processing and Storage

1.4.1.09.01	PUREX
1.4.1.09.02	Burial Grounds
1.4.1.09.03	T-Plant
1.4.1.09.04	PNL Labs Buildings 324, 325, 327
1.4.1.09.05	308 Annex
1.4.1.09.06	FFTF
1.4.1.09.07	PFP

C.2 WBS DETAIL DICTIONARIES

APPENDIX D

**PREFORMANCE
MEASUREMENTS**

D.1 STATUSING

SCHEDULE - required statusing of actual start date, remaining duration, and actual finish date on a weekly and end of fiscal month bases.

COST - required statusing of percent complete on all started activities at the end of the fiscal month.

D.2 SCHEDULE CHANGE CONTROL

The schedule duration, logic ties and spending profiles (BCWS) at the detail schedule activity level can not be changed without some formal type of change control.

Current statused schedules can be modified to depict how the work is going to be completed as long as the changes do not impact any committed milestones. The current statused schedule can not be modified to delete or add a schedule activity or to change the BCWS on a schedule activity.

D.3 DEFINITION OF DIFFERENT TYPES OF SCHEDULES

TARGET SCHEDULE

A target schedule is a schedule which the project responsible manager has established but has not been approved by DOE. If approved by WHC senior management any change will be with their approval.

BASELINE SCHEDULE

A baseline schedule is a target schedule approved by DOE. Any changes will require change control.

CURRENT OR STATUS SCHEDULE

A current or statused schedule is the target or baseline schedule which is statused regularly.

WORKING LEVEL/FEATURE SCHEDULE/WHAT IF EFFORTS

This type of unapproved schedule is used for:

- Very detail short term efforts in engineering.
- Modifications to existing project schedule(s) which are being developed and not yet approved.
- Evaluation for schedule recovery, schedule acceleration or integration of new work scope