

2. To: (Receiving Organization) LMHC/TWRS East Tank Farms	3. From: (Originating Organization) Tank Farm Upgrade Projects	4. Related EDT No.: N/A
5. Proj./Prog./Dept./Div.: Project W-314	6. Design Authority/ Design Agent/Cog. Engr.: D. E. BOWERS	7. Purchase Order No.: N/A
8. Originator Remarks: Initial release of the Acceptance for Beneficial Use for the AN-A Valve pit Upgrade		9. Equip./Component No.: 241-AN-A Valve Pit
		10. System/Bldg./Facility: 241-AN
11. Receiver Remarks: 11A. Design Baseline Document? ☐ Yes ☒ No		12. Major Assem. Dwg. No.: N/A
		13. Permit/Permit Application No.: N/A
		14. Required Response Date: N/A

[illegible]

16. KEY		
Approval Designator (F)	Reason for Transmittal (G)	Disposition (H) & (I)
E, S, Q, D or N/A (see WHC-CM-3-5, Sec.12.7)	1. Approval 2. Release 3. Information 4. Review 5. Post-Review 6. Dist. (Receipt Acknow. Required)	1. Approved 2. Approved w/comment 3. Disapproved w/comment 4. Reviewed no/comment 5. Reviewed w/comment 6. Receipt acknowledged

17. SIGNATURE/DISTRIBUTION
(See Approval Designator for required signatures)

(G) Reason	(H) Disp.	(J) Name	(K) Signature	(L) Date	(M) MSIN	(G) Reason	(H) Disp.	(J) Name	(K) Signature	(L) Date	(M) MSIN
1	1	Design Authority	D. E. Bowers	8-28-97	55-18	4	4	J. T. Koberg	per ideson	8-28-97	55-18
1	1	Cog, Mgr. D. G. Balde	mm hark	8-28-97	55-18	4	4	J. G. Burton	N/A per ideson	8-28-97	55-18
1	1	D. Alison	D. Alison	8-28-97	55-03	4	4	W. H. Hays	W. H. Hays	8-28-97	55-03
1	1	T. Ravencraft	T. Ravencraft	8-28-97	55-03	4	4	H. M. Chafin	H. M. Chafin	8-28-97	55-03
1	1	R. W. Jacobson	R. W. Jacobson	8-28-97	55-03	4	4	A. F. Erhart	A. F. Erhart	8-28-97	55-03
1	1	W. E. Ross	W. E. Ross	8-28-97	55-03	4	4	J. D. McDonald	J. D. McDonald	8-28-97	55-03
1	1	W. W. Rutherford	W. W. Rutherford	8-28-97	55-03	4	4	R. L. Nelson	R. L. Nelson	8-28-97	55-03

18. <u>David A. Lundgren</u> 8/29/97 <u>Terry W. Smith</u> 8/29/97 Signature of EDY Date Originator	19. <u>[Signature]</u> 8/29/97 <u>RAJ</u> 8/29/97 Authorized Representative Date for Receiving Organization	20. <u>[Signature]</u> 8/29/97 <u>mm Hart</u> 8/29/97 Design Authority Date Cognizant Manager	21. DOE APPROVAL (if required) Ctrl. No. ☐ Approved ☐ Approved w/comments ☐ Disapproved w/comments
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PROJECT W-314
241-AN-A VALVE PIT UPGRADE
Acceptance For Beneficial Use

Terry Warnick
Fluor Daniel Northwest, Richland, WA 99352
U.S. Department of Energy Contract DE-AC06-96RL13200

EDT/ECN: 618918 UC: 620
Org Code: 408 Charge Code: P4LV00
B&R Code: EW3130010 Total Pages: *12* *8/29/97*

Key Words: AN-A Valve Pit Upgrade, ABU

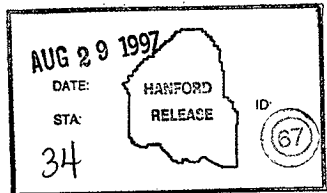
Abstract: N/A

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Release Approval

Date



Release Stamp

Approved for Public Release

DOCUMENTATION REQUIRED for ACCEPTANCE FOR BENEFICIAL USE

DESCRIPTION	RESPONSIBILITY	DESCRIPTION	RESPONSIBILITY
ENGINEERING		ENGINEERING (cont'd)	
[] Engineering Task Plan - N/A		[X] Construction Specification	Rickenbach
[X] Activity Schedule	Rutherford	[] Essential Material Specification - N/A	
[X] USQ Screening	Leach	[] Installation Work Plan - N/A	
[] Final Safety Analysis Report - AB Amendment - N/A		[X] Final Design Drawings	Rickenbach
[] Interim Safety Basis - AB (BIO) Amendment - N/A		[] Installation Drawings - N/A	
[] Safety Assessment - N/A		[X] As-Built Drawings H-2	Rickenbach
[X] Safety Equipment List	Homan	[X] PCP Construction Inspection Records	Miller
[] Operational Safety Document(s) - N/A		[X] IEPD Drawings - (P & ID)	Rickenbach
[X] Design Criteria (Project Development Specification (PDS))	Bowers	[X] Systems Drawings H-14 (BIO, "Essential")	Rickenbach
[X] Requirements Verification Report for PDS	Rickenbach/Hays	[X] Drawing Tree/Index	Rickenbach
[] System Design Description-N/A		[X] As-Built Project Generated Drawings/ECNs	Rickenbach
[X] Project Design Concept (PDC)	Rickenbach	[X] Void Superseded Drawings	Nelson
[X] Test Plan/Specifications (TEP)	Hays	[X] Master Equipment List Update	Nelson
[X] Acceptance Test Procedures	Hays	ADP (all computer activities are on MPS ABU)	
[X] Acceptance Test Report	Hays	[] Software Configuration Management Plan - N/A	
[X] Operational Test Procedures	Hays	[] Systems Requirements Spec - N/A	
[X] Operational Test Report	Hays	[] Software Design Description - N/A	
[X] Environmental Impact Statement (TWRS)	Boes	[] Software Validation/Verification - N/A	
[] Environmental Report - N/A		TRAINING	
[] Environmental Permit - N/A		[X] Training Plan	Morris
[] Hazardous Waste Disposal Plan/Procedures - N/A		[X] Training Manuals/Certification Package	Morris
[] Solid Waste Disposal Plan/Procedure - N/A		[X] Training to Operating Crews	Morris
[X] Notice of Construction/Excavation	Boes	[X] Training to Maintenance Crews	Morris
[X] Stress/Seismic Analysis	Rickenbach	[X] Training Mock-Up	Hays
[] Stress/Design Report - N/A		QUALITY ASSURANCE	
[] Design Specification Report - N/A		[X] Inspection Plans	Chafin
[] Design Specifications/Report - N/A		[X] QAPP	Chafin
[] Equipment Specifications - N/A		[] QA/P - N/A	
[X] Procurement Specifications	Rickenbach		

DOCUMENTATION REQUIRED FOR ACCEPTANCE FOR BENEFICIAL USE (cont'd)

DESCRIPTION	RESPONSIBILITY	DESCRIPTION	RESPONSIBILITY
OPERATIONS/MAINTENANCE		PROCUREMENT	
☒ Operating Manuals	Rickenbach	☒ Vendor Information Files	Rickenbach
☒ Operating Procedures	Horner	☐ Comprehensive Equipment List - N/A	
☒ Surveillance Procedures	Horner	☒ Spare Parts List	Baide
☒ Maintenance Manuals	Comer	☐ Identify/ Submit Spare Parts for Excess - N/A	
☒ Calibration Procedures	Horner	☒ Spare Parts in Stock or on Order	Comer
☒ Preventative Maintenance Procedures	Comer	☐ _____	
☒ Repair/Maintenance Procedures	Horner	OTHER	
☒ Functional Check Procedures	Horner	☒ Update TWRS SE Data Base	McGrew
☒ PM/S Data sheets	Comer	☒ Interface Control Drawings	Rickenbach
READINESS/TURNOVER		☒ Shutdown Plan	Rickenbach
☐ Memorandum of Understanding/Startup Notification Report-N/A			
☐ Implementation Plan-N/A			
☒ Management Self Assessment	McDonald		
☐ Contractor Readiness Review-N/A			
☐ DOE Readiness Approval-N/A			
☒ OAC Requirements	Rutherford		
☒ ABU Package	Hays		
☒ ABU Index's and Supporting Documents	Hays		
☒ Documents Supporting Readiness Activities	Hays		

ABU INDEX - Roadmap of Supporting Information				
This section of the index identifies all of the specific documents, activities, or other deliverables that must be completed to satisfy the Checklist Item corresponding to the ABU Checklist. When signed by the Responsible Person, it indicates completion and incorporation of W-314 requirements in the specific supporting item. Operations Acceptance indicates completion of the Checklist Item for the specific facility.				
CHECKLIST ITEM (from ABU checklist)	SUPPORTING DOCUMENT NUMBER and TITLE (or activity and it's acceptance, or other definitive information)	RESPONSIBLE PERSON (by name & org)	OPERATIONS ACCEPTANCE (for specific, discrete portions). When all items in block are complete, the cover checklist can be signed off	COMMENTS
EXAMPLE <i>Acceptance Test Procedure</i> <i>Each item from the checklist should be</i> <i>indicated on a separate row)</i>	WHC-SD-W314-ATP-001, Manifold	R. U. Ugly, Proj Eng, FDNW	☒ Complete Operations Test Director	
	WHC-SD-W314-ATP-002, Leak Detector	U. R. Toa, Proj Eng, FDNW	☐ Concurrence TYPES: Test Group (Testing Only)	
	WHC-SD-W314-ATP-008, Pit Coating	T. M. Ready, Proj Eng, FDNW	☐ Concurrence Cog Engineer Mgr/Rep	
	(Not all required activities have numbers, but these should be an identification or location with the description to facilitate retrieval of the documentation)			
Activity Schedule				
USQ Screening				
Safety Equipment List				
Design Criteria (Project Development Specification (PDS))				
Requirements Verification Report for PDS (Design/Field)				
Project Design Concept				

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Test Plans/Specifications (TEP)				
Acceptance Test Procedures				
Acceptance Test Report				
Operational Test Procedures				
Operational Test Report				
Environmental Impact Statement (TWRS)				
Notice of Construction/Excavation				
Stress/Seismic Analysis				
Procurement Specification				
Constructions Specification				
Final Design Drawings				
As-Build Drawings H-2				

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PCP Construction Inspection Records				
IEFD Drawings- (P&ID)				
Systems Drawings H-14 (BIO, ESSENTIAL)				
Drawing Tree Index				
As-Build Project Generated Drawings/ECNs				
Void Superseded Drawings				
Master Equipment List Update				
Training Plan				
Training Manuals/Certification Package				
Training to Operating Crews				
Training to Maintenance Crews				

Program/Project Title: Project W-314, Tank Farm Restoration and Safe Operation, Phase 1
 Component/System: AN-A Valve Pit August 28, 1997

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Training Mock-Up				
Inspection Plans				
QAPP				
Operating Manuals				
Operating Procedures				
Surveillance Procedures				
Maintenance Manuals				
Calibration Procedures				
Preventative Maintenance Procedures				
Repair/Maintenance Procedures				
Functional Check Procedures				
PM/S Data sheets				

ABU INDEX - Roadmap of Supporting Information				
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CHECKLIST ITEM (from ABU checklist)	SUPPORTING DOCUMENT NUMBER and TITLE (or activity and it's acceptance, or other definitive information)	RESPONSIBLE PERSON (by name & org)	OPERATIONS ACCEPTANCE (for specific, discreet portions). When all items in block are complete, the cover checklist can be signed off	COMMENTS
Management Self Assessment				
OAC Requirements (ACW)				
ABU Package				
ABU Index's and Supporting Documents				
Documents Supporting Readiness Activities				
Vendor Information Files				
Spare Parts List				
Update TWRs SE Data Base				
Interface Control Drawings				
Shutdown Plan				

ABU INDEX - Roadmap of Supporting Information				
This section of the index identifies all of the specific documents, activities, or other deliverables that must be completed to satisfy the Checklist Item corresponding to the ABU Checklist. When signed by the Responsible Person, it indicates completion and incorporation of W-314 requirements in the specific supporting item. Operations Acceptance indicates completion of the Checklist Item for the specific facility.				
CHECKLIST ITEM (from ABU checklist)	SUPPORTING DOCUMENT NUMBER and TITLE (or activity and it's acceptance, or other definitive information)	RESPONSIBLE PERSON (by name & org)	OPERATIONS ACCEPTANCE (for specific, discrete portions). When all items in block are complete, the cover checklist can be signed off	COMMENTS
End of Table				

ABU INDEX - Acceptance Documentation		
This section of the index identifies Operations acceptance of individual segments for turnover. When signed, Operations has accepted completion of the specific segment, with Design Authority concurrence. The final signatures at the end of this index reflect Operations acceptance of all operational, maintenance, and administrative responsibilities for the structures, systems, and components associated with this ABU.		
SEGMENT	COMMENTS	ACCEPTANCE SIGNATURES
New Nozzle Installation and Hydro Tests		Operations Test Director/Manager Date
		Design Authority Date
Pit Coating		Operations Test Director/Manager Date
		Design Authority Date
Jumper Installation and Leak/Hydro Tests		Operations Test Director/Manager Date
		Design Authority Date
Cover Block and Valve Operator Installation		Operations Test Director/Manager Date
		Design Authority Date
Leak Detector Installation and Test		Operations Test Director/Manager Date
		Design Authority Date

Electrical/Instrumentation/ Labeling		Operations Test Director/Manager _____ Date _____ East Tank Farms Maintenance Mgr _____ Date _____ Design Authority _____ Date _____
Backfill		Operations Test Director/Manager _____ Date _____ Design Authority _____ Date _____
Site Restoration		Operations Test Director/Manager _____ Date _____
FINAL ACCEPTANCE SIGNATURES		
ABU-002 for AN-A Valve Pit Upgrades	All deliverables under "Supporting Document Number and Title above are complete, signed, and acceptable. Tank Farm Operations accepts full responsibility for systems, structures, and components covered by this ABU.	Operations Project Engineer _____ Date _____ Design Authority _____ Date _____ Operations Manager _____ Date _____

August 28, 1997

ABU INDEX - Post Acceptance Punch List

This section of the index identifies items still requiring completion or closure after acceptance of the segment/system per the ABU.

Note: Items affecting Readiness may not be on the punchlist without documented justification, an approved plan to correct the deficiency, and written concurrence from the Director of Tank Farms (or his delegee).

[illegible]

DISTRIBUTION COVERSHEET

Author

Terry Warnick E6-21

Document No.

EDT 618918

Subject: HNF-SD-W314-ABU-002
Project W-314
241-AN-A Valve Pit Upgrade
Acceptance for Beneficial Use

DISTRIBUTION

Name	Location	w/att	Name	Location	w/att
D. E. Bowers	S5-13	X			
D. G. Balde	S5-05	X			
W. M. Harty, Jr	S5-13	X			
D. Alison	S5-03	X			
T. Ravencraft	S5-01	X			
R. W. Jacobson	R1-09	X			
W. E. Ross	S5-07	X			
W. W. Rutherford	R3-25	X			
T. A. Erickson	R2-50	X			
J. T. Koberg	G3-12	X			
W. H. Hays	E6-08	X			
H. M. Chafin	R3-25	X			
A. F. Erhart	R2-50	X			
J. D. McDonald	R2-50	X			
R. L. Nelson	R3-47	X			
C. E. Leach	R1-49	X			
J. L. Homan	R1-43	X			
M. D. Rickenbach	G3-12	X			
K. A. Boes	R3-25	X			
D. R. Miller	G3-12	X			
J. M. Morris	R2-87	X			
T. M. Horner	R2-82	X			
J. W. Comer	R2-88	X			
D. L. McGrew	R3-25	X			
W. H. Bryant	S0-09	X			
R. J. Shupe	R2-50	X			
B. L. Syverson	H5-57	X			