

SEP 29 1997

ENGINEERING DATA TRANSMITTAL

Page 1 of 2

1. EDT

615800

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 sections of Project W-314, Phase 1 listed below.				9. Equip./Component No.: N/A							
				10. System/Bldg./Facility: N/A							
11. Receiver Remarks: 11A. Design Baseline Document? ☐ Yes ☒ No				12. Major Assm. Dwg. No.: N/A							
				13. Permit/Permit Application No.: N/A							
				14. Required Response Date: N/A							
15. DATA TRANSMITTED											
(A) Item No.	(B) Document/Drawing No.	(C) Sheet No.	(D) Rev. No.	(E) Title or Description of Data Transmitted	(F) Approval Designator	(G) Reason for Transmittal	(H) Originator Disposition	(I) Receiver Disposition			
1	HNF-SD-W314-ABU-003	-	0	PROJECT W-314 AN-B VALVE PIT UPGRADE ACCEPTANCE FOR BENEFICIAL USE	NA	2	1				
2	HNF-SD-W314-ABU-004	-	0	PROJECT W-314 SN-630 TRANSFER LINE (AZ-02A TO AN-B) ACCEPTANCE FOR BENEFICIAL USE	NA	2	1				
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	9/17/97		4	4	J. T. Koberg			
1	1	Cog, Mgr. D. G. Balde		9/17/97							
1	1	D. Alison		9/23/97		4	4	W. H. Hays		9/23/97	
1	1	T. Ravenscraft		9/22/97		4	4	H. M. Chafin		9/17/97	
1	1	R. W. Jacobson		9/15/97		4	4	A. F. Erhart		9/24/97	
1	1	W. E. Ross		9/26/97		4	4	J. D. McDonald		9/17/97	
1	1	W. W. Rutherford		9/15/97		4	4	T. A. Erickson		9/26/97	
						4	4	R. L. Nelson		9/17/97	
18. Signature of EDT Originator 9/12/97		19. Authorized Representative Date for Receiving Organization 9-26-97		20. Design Authority Cognizant Manager 9/17/97		21. DOE APPROVAL (if required) Ctrl. No. ☐ Approved ☐ Approved w/comments ☐ Disapproved w/comments					

(CONTINUATION PAGE)

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PROJECT W-314

AZ-02A PUMP 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: ~~610518~~ ⁶¹⁵⁸⁰⁰ UC: 620

Org Code: 408 Charge Code: P4LV00

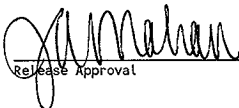
B&R Code: EW3130010 Total Pages: 12

Key Words: AZ-02A PUMP Pit Upgrade, ABU

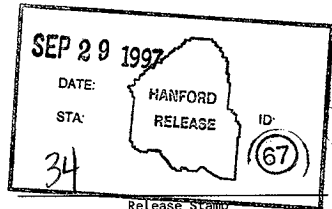
Abstract: N/A

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Release Approval

9/29/97
Date



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	Rickenbach	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		[] QAPJP - 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	Horne	☐ Comprehensive Equipment List - N/A	
☐ Surveillance Procedures	Horne	☒ Spare Parts List	Baide
☒ Maintenance Manuals	Comer	☐ Identify/ Submit Spare Parts for Excess - N/A	
☒ Calibration Procedures	Horne	☒ Spare Parts in Stock or on Order	Baide
☒ Preventative Maintenance Procedures	Comer	☐ _____	
☒ Repair/Maintenance Procedures	Horne	OTHER	
☒ Functional Check Procedures	Horne	☒ 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			
☒ Project Acceptance and Closeout (OAC/ACW)	Rutherford		
☒ ABU Package	Hays		
☒ ABU Index's and Supporting Documents	Hays		
☐ Documents Supporting Readiness Activities-N/A			

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, discreet portions). When all items in block are complete, the cover checklist can be signed off	COMMENTS
EXAMPLE <i>Acceptance Test Procedure</i> (Each item from the checklist should be indicated on a separate row)	WFC-SD-W314-ATP-001, Manifest	R. U. Ugle, Proj Engr, FDNW	☒ Complete Operations Test Director	
	WFC-SD-W314-ATP-002, Leak Detector	U. R. Too, Proj Engr, FDNW	☒ Concurrence	
	WFC-SD-W314-ATP-008, Pit Coating (Not all required activities have numbers, but there should be an identification or location with the description to facilitate retrieval of the documentation)	L. M. Ready, Proj Engr, FDNW	WFRS Test Group Ctg Mgr/Rep	
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				

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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				

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Management Self Assessment				
Project Acceptance and Closeout (OAC/ACW)	ACW AZ-02A PUMP PIT UPGRADE			
ABU Package				
ABU Index's and Supporting Documents				
Vendor Information Files				
Spare Parts List				
Update TWRS SE Data Base				
Interface Control Drawings				
Shutdown Plan				

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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, Hydro Tests and Documentation		<i>Operations Test Director/Manager</i> _____ <i>Date</i> _____
		<i>Design Authority</i> _____ <i>Date</i> _____
Pit Coating and Documentation		<i>Operations Test Director/Manager</i> _____ <i>Date</i> _____
		<i>Design Authority</i> _____ <i>Date</i> _____
Jumper Installation, Leak/Hydro Tests and Documentation		<i>Operations Test Director/Manager</i> _____ <i>Date</i> _____
		<i>Design Authority</i> _____ <i>Date</i> _____
Cover Block and Valve Operator Installation and Documentation		<i>Operations Test Director/Manager</i> _____ <i>Date</i> _____
		<i>Design Authority</i> _____ <i>Date</i> _____
Leak Detector Installation, Test and Documentation		<i>Operations Test Director/Manager</i> _____ <i>Date</i> _____
		<i>Design Authority</i> _____ <i>Date</i> _____

Electrical/Instrumentation/ Labeling and Documentation		Operations Test Director /Manager _____ Date _____ East Tank Farms Maintenance Mgr _____ Date _____ Design Authority _____ Date _____
Backfill and Documentation		Operations Test Director /Manager _____ Date _____ Design Authority _____ Date _____
Site Restoration and Documentation		Operations Test Director /Manager _____ Date _____
FINAL ACCEPTANCE SIGNATURES		
ABU-007 for AZ-02A Pump 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 _____

September 11, 1997

DISTRIBUTION SHEET

To	From	Page 1 of 1
Distribution	Terry Warnick	Date September 12, 1997
Project Title/Work Order		EDT No. 615800
Project W-314 PHASE 1 ABUs		ECN No. NA

Name	MSIN	Text With All Attach.	Text Only	Attach./ Appendix Only	EDT/ECN Only
------	------	-----------------------------	-----------	------------------------------	-----------------

D. E. Bowers	S5-13	X			
D. G. Baide	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			