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JUN 06 2000

ENGINEERING DATA TRANSMITTAL

Page 1 of 1

1. EDT

630004

2. To: (Receiving Organization) Tank Waste Operations				3. From: (Originating Organization) Tank Farm Upgrades Project				4. Related EDT No.: N/A			
5. Proj./Prog./Dept./Div.: Project W-314				6. Design Authority/Design Agent/Cog. Engr.: R.W. Reed				7. Purchase Order No.: N/A			
8. Originator Remarks: Initial release of the Acceptance for Beneficial Use for the 241-SY Annulus Ventilation System Replacement								9. Equip./Component No.: N/A			
								10. System/Bldg./Facility: N/A			
11. Receiver Remarks:								12. Major Assm. Dwg. No.: N/A			
								13. Permit/Permit Application No.: N/A			
11A. Design Baseline Document? ☐ Yes ☒ No								14. Required Response Date: N/A			

15. DATA TRANSMITTED					(F)	(G)	(H)	(I)
(A) Item No.	(B) Document/Drawing No.	(C) Sheet No.	(D) Rev. No.	(E) Title or Description of Data Transmitted	Approval Designator	Reason for Transmittal	Originator Disposition	Receiver Disposition
1	RPP-6388		0	SY Annulus Replacement	N/A	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
/	/	Design Authority	<i>R.W. Reed</i>	6/2/00	T4-07			J.M. Morris	<i>J.M. Morris</i>	6/6/00	R2-84
		Design Agent				/	/	J.P. Harris	<i>J.P. Harris</i>	6/2/00	R1-49
/	/	Cog. Eng.	K.S. McDaniel	6/2/00	T4-08	/	/	J.W. Lentsch	<i>J.W. Lentsch</i>	6/2/00	R3-25
/	/	Cog. Mgr.	R.E. Larson	6/2/00	T4-07	/	/	D.H. Shuford	<i>D.H. Shuford</i>	6/2/00	R2-83
/	/	QA	T.L. Bennington	6/2/00	S6-15	/	/	J.W. Comer	<i>J.W. Comer</i>	6/2/00	R2-82
/	/	Safety	R.J. Fogg	6/2/00	S5-12	/	/	J.W. Bailey	<i>J.W. Bailey</i>	6/2/00	R3-25
/	/	Env.	J.D. Guberski	6/2/00	R1-51			E.P. Raven Chapter a Book for R.P. Raven per 6/5/2000			

18. Signature of EDT Originator <i>O.D. Nelson</i> 6/2/00		19. Authorized Representative for Receiving Organization <i>R.E. Larson</i> 6/2/00		20. Design Authority/Cognizant Manager <i>R.E. Larson</i> 6/2/00		21. DOE APPROVAL (if required) Ctrl No. _____ ☐ Approved ☐ Approved w/comments ☐ Disapproved w/comments	
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ABU for 241-SY Annulus Exhauster Maintenance Activity

Owen D. Nelson

CH2M Hill Hanford Group

Richland, WA 99352

U.S. Department of Energy Contract DE-AC06-96RL13200

EDT/ECN: 630004

UC: N/A

Org Code: LP000000

Charge Code: 109755

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Key Words: 241-SY Annulus Exhauster, W-314, Acceptance for Beneficial Use

Abstract: N/A

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L. Fat
Release Approval

6-6-00
Date

Approved For Public Release

RECORD OF REVISION

(1) Document Number	
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RPP-6388

Page 1

(2) Title

ABU for 241-SY Annulus Exhauster Maintenance Activity

Change Control Record

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This listing identifies the responsibilities and requirements applicable to the 241-SY Annulus Exhauster replacement portion of Project W-314, for Acceptance for Beneficial Use in accordance with RPP-IP-0842, Volume IV, Section 3.12 *Acceptance of Structures, Systems and Components for Beneficial Use*.

At project turnover, the end user accepts the affected Structures, Systems and Components (SSCs) for beneficial use. This checklist is used to ensure that all documentation, training, and testing requirements are met prior to turnover.

This is the initial release of this document. As this Phase of the Project progresses and construction activities begin to conclude, this document will be revised to include specific documentation within each category of document deemed applicable on the Checklist. At turnover, Operations accepts responsibility for the SSC for beneficial use based on the delivery of operable SSCs, and based on the satisfactory completion of each of the documents and training which were previously negotiated.

Project Title: Project W-314, Tank Farm Restoration and Safe Operations, 241-SY Annulus Exhauster Replacement

Table A-1: Documentation Required for Acceptance of Beneficial Use for Project W-314

Documentation Required for Acceptance of Beneficial Use for the 241-SY Annulus Exhauster Replacement Project W-314			
Description	Responsible Supplier	Acceptance Authority	ORR Core Requirement (CR) Addressed
Engineering			
☐ Engineering Task Plan/Project Execution Plan - N/A	-----	-----	-----
☒ USQ Screenings	O.D. Nelson	R.W. Reed	CR 4, 10, 15 and 18
☐ Activity Schedule - N/A	-----	-----	-----
☐ Final Safety Analysis Report - N/A	-----	-----	-----
☒ Safety Equipment List	O.D. Nelson	D.H. Shuford/ R.W. Reed	CR 4 and 15
☐ Operational Safety Document(s) or update existing - N/A	-----	-----	-----
☒ Design Requirements Document	D.L. McGrew	R.W. Reed	CR 7
☐ Design Criteria (Project Development Specifications) -N/A	-----	-----	-----
☒ Requirements Verification Report	O.D. Nelson	R.W. Reed	Not Applicable
☐ System Design Descriptions - N/A	-----	-----	-----
☐ Project Design Concept - N/A	-----	-----	-----
☐ Risk Management Plan - N/A	-----	-----	-----
☐ Test and Evaluation Plan - N/A	-----	-----	-----
☐ Specific Test and Evaluation Plan - N/A	-----	-----	-----
☒ Acceptance Test Procedures	O.D. Nelson	R.W. Reed	CR 10
☒ Acceptance Test Reports	O.D. Nelson	R.W. Reed	CR 5 and 10
☒ Operational Test Procedures	O.D. Nelson	R.W. Reed	CR 10
☒ Operational Test Reports	O.D. Nelson	R.W. Reed	CR 5 and 10
☐ Environmental Impact Statement - N/A	-----	-----	-----
☒ NEPA Documentation	J.D. Guberski	R.W. Reed	CR 8
☒ Environmental Permit	J.D. Guberski	R.W. Reed	CR 8
☒ Hazardous Waste Disposal Plan/Procedures	J.D. Guberski	R.W. Reed	CR 8
☒ Notice of Construction	J.D. Guberski	R.W. Reed	CR 8
☒ Documentation Required by Notice of Construction (Radiation Survey Reports, etc)	J.A. Wright	J.D. Guberski	CR 8
☐ Permit/Cultural Resources ES Review - N/A	-----	-----	-----
☒ Calculations	O.D. Nelson	R.W. Reed	Not Applicable
☒ Commercial Grade Item Dedication Documentation	O.D. Nelson	R.W. Reed	Not Applicable
☒ Stress/Seismic Analysis	O.D. Nelson	R.W. Reed	Not Applicable

Documentation Required for Acceptance of Beneficial Use for the 241-SY Annulus Exhauster Replacement Project W-314			
Description	Responsible Supplier	Acceptance Authority	ORR Core Requirement (CR) Addressed
☐ Stress Design Report - N/A	-----	-----	-----
☒ Procurement Specifications	O.D. Nelson	R.W. Reed	Not Applicable
☐ Construction Specifications - N/A	-----	-----	-----
☐ Essential Material Specifications - N/A	-----	-----	-----
☒ Installation Work Plan	O.D. Nelson	R.W. Reed	Not Applicable
☒ Design As-Built IEFD (P & ID) System Drawings	O.D. Nelson	R.W. Reed	CR 5 and 10
☒ Installation Drawings	O.D. Nelson	R.W. Reed	Not Applicable
☐ Construction Work Packages - N/A	-----	-----	-----
☒ Maintenance Work Package	O.D. Nelson	R.W. Reed	CR 5 and 10
☐ System Drawings - N/A	-----	-----	-----
☐ Drawing Tree/Index - N/A	-----	-----	-----
☒ As-Built Project Generated ECNs	O.D. Nelson	R.W. Reed	CR 5 and 10
☒ Void/Superseded, As-Built Essential Facility Support Drawings	O.D. Nelson	R.W. Reed	CR 5 and 10
☒ Master Equipment List Update	O.D. Nelson	D.H. Shuford	Not Applicable
☐ Design Specification Report - N/A	-----	-----	-----
☐ Equipment Specifications - N/A	-----	-----	-----
☐ Instrument List - N/A	-----	-----	-----
☐ Instrument Setpoint Evaluation Document - N/A	-----	-----	-----
☐ Instrument Setpoint Calculation Document - N/A	-----	-----	-----
☐ Programmable Instrument Data Sheet - N/A	-----	-----	-----
ADP			
☐ Software Configuration Management Plan - N/A	-----	-----	-----
☐ System Requirements Specification - N/A	-----	-----	-----
☐ Software Design Description - N/A	-----	-----	-----
☐ Software Validation/Verification - N/A	-----	-----	-----
Training			
☒ Training Plan	J.M. Morris	R.P. Raven	CR 2, 8, 9, 10, 13, 18 and 19
☐ Training Manuals/Certification Packages - N/A	-----	-----	-----
☒ Training to Operating Crews	J.M. Morris	R.P. Raven	CR 2, 3, 8, 9, 10, 13, 18 and 19
☒ Training to Maintenance	J.M. Morris	R.P. Raven	CR 2, 3, 8, 9, 10,

Documentation Required for Acceptance of Beneficial Use for the 241-SY Annulus Exhauster Replacement Project W-314			
Description	Responsible Supplier	Acceptance Authority	ORR Core Requirement (CR) Addressed
Crews			13, 18 and 19
☐ Training Mock-up - N/A	-----	-----	-----
Operations/Maintenance			
☐ Operations and Maintenance Manuals N/A	-----	-----	-----
☒ Operating Procedures	J.W. Comer	R.P. Raven	CR 1, 2, 8, 15 and 18
☐ Functional Test Procedures - N/A	-----	-----	-----
☒ Alarm Response Procedures	J.W. Comer	R.P. Raven	CR 1, 2, 8, 15 and 18
☒ Surveillance Procedures	J.W. Comer	R.P. Raven	CR 1, 2, 15 and 18
☐ Repair/Maintenance Procedures - N/A	-----	-----	-----
☒ Calibration Procedures - N/A	J.W. Comer	D.H. Shuford	CR 1, 2, 5, 15 and 18
☒ Preventative Maintenance Procedures	J.W. Comer	D.H. Shuford	CR 1, 2, 5, 15 and 18
☒ PM/S Data Sheets	J.W. Comer	D.H. Shuford	CR 5
☐ Emergency Response Procedures - N/A	-----	-----	-----
☒ Final Joint Safety Walkdown by Operations, Engineering, Maintenance and HPTs	R.P. Raven, O.D. Nelson and D.H. Shuford	R.P. Raven	Not Applicable
Quality Assurance			
☒ Inspection Plan	T.L. Bennington	R.W. Reed	Not Applicable
☒ Surveillances	T.L. Bennington	R.W. Reed	Not Applicable
☒ QAPP	T.L. Bennington	R.W. Reed	CR 8
☒ Assessment Report	T.L. Bennington	R.W. Reed	CR 6
☒ Corrective Action Plans	T.L. Bennington	R.W. Reed	CR 6
☒ Non-Conformance Reports	T.L. Bennington	R.W. Reed	Not Applicable
Others			
☒ Update TWRS SE Database	D.L. McGrew	R.W. Reed	Not Applicable
☒ Project Interface Control Document	O.D. Nelson	R.W. Reed	Not Applicable
☒ S/RIDs Assessment	O.D. Nelson	R.W. Reed	CR 7
☐ Routing Board - N/A	R.P. Raven	R.P. Raven	Not Applicable
☒ Miscellaneous MOAs and MOUs	O.D. Nelson	R.W. Reed	Not Applicable
☒ Field Verification Plan	R.W. Reed	R.P. Raven	CR 10
Procurement			
☒ Vendor Information Files	O.D. Nelson	D.H. Shuford	CR 8
☒ Spare Parts List	O.D. Nelson	D.H. Shuford	CR 8
☒ Spare Parts in Stock	O.D. Nelson	D.H. Shuford	CR 8

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