

SEP 13 1996

ENGINEERING DATA TRANSMITTAL

Page 1 of 1
1. EDT 617990

2. To: (Receiving Organization) Distribution		3. From: (Originating Organization) Characterization Equipment Design		4. Related EDT No.: N/A	
5. Proj./Prog./Dept./Div.: Characterization Project		6. Design Authority/ Design Agent/Cog. Engr.: R. J. Blanchard/B. R. Johns/R. N. Dale		7. Purchase Order No.: N/A	
8. Originator Remarks: Attached is a partial Acceptance for Beneficial Use for Distribution Trailer HO-64-3533 which an X-ray cable reel was added to support core sampling operations.				9. Equip./Component No.: HO-64-3533	
				10. System/Bldg./Facility: 03/200G/ES	
11. Receiver Remarks: NONE		11A. Design Baseline Document? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		12. Major Assm. Dwg. No.: SK-2-24120	
				13. Permit/Permit Application No.: N/A	
				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	WHC-SD-WM-ABU-018	N/A	0	X-RAY IMAGER POWER SOURCE ON DISTRIBUTION TRAILERS	SQ	1	1	N/A

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	/	Design Authority R.J. Blanchard	<i>[Signature]</i>	9/8/96	S7-12	1	/	Operations J.S. Lee	<i>[Signature]</i>	S7-03	9/10/96
1	/	Design Agent B.R. Johns	<i>[Signature]</i>	9/11/96	S7-12						
1	/	Cog. Eng. R.N. Dale	<i>[Signature]</i>	9/11/96	S7-12						
1	/	Cog. Mgr. J.S. Scherfield	<i>[Signature]</i>	9/14/96	S7-12						
1	/	QA J.S. Sparks	<i>[Signature]</i>	9/14/96	S7-07						
1	/	Safety J.A. Harvey/M.E. Huda	<i>[Signature]</i>	9/14/96	S7-01						
NA		Env. N/A									

18. B.R. Johns <i>[Signature]</i> Signature of EDT Originator		Date: 9/15/96		19. <i>[Signature]</i> Authorized Representative for Receiving Organization		Date: 9/10/96		20. D.W. Hamilton <i>[Signature]</i> Design Authority/Cognizant Manager		Date: 9/14/96		21. DOE APPROVAL (if required) Ctrl. No. <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/comments <input type="checkbox"/> Disapproved w/comments	
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X-RAY IMAGER POWER SOURCE ON DISTRIBUTION TRAILERS

B. R. JOHNS

Westinghouse-Hanford, Richland, WA 99352
U.S. Department of Energy Contract DE-AC06-87RL10930

EDT/ECN: 617990	UC:
Org Code: 75230	Charge Code: N4J2F
B&R Code: EW3120074	Total Pages: 4

Key Words: Electrical, power source, generator, cable reels

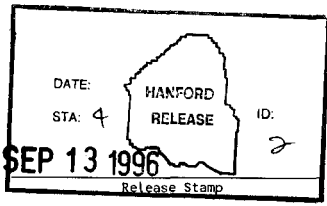
Abstract: This Acceptance for Beneficial Use documents the work completed on the addition of an X-ray cable reel on distribution trailer HO-64-3533 for core sampling equipment. Work and documentation remaining to be completed is identified.

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Kara J. B... *9/11/96*

 Release Approval Date



Approved for Public Release

WHC-SD-WM-ABU-018, REVISION 0
ACCEPTANCE FOR BENEFICIAL USE(ABU)

1. Document Title: X-Ray Imager Power Source on Distribution Trailers 3 and 4.
2. Engineering Task No.: ETN 95-0048
3. Document No.: WHC-SD-WM-ETP-155
4. Project No.: ES-95-362
5. Approval Designator: SQ
6. System/Bldg/Facility: 03/2704HV/Core Sampling
7. Equipment/Component No.: HO-64-3532/HO-64-3533
8. ECN/EDT No.: EDT 615421
9. Final ABU ____ Partial ABU X
10. ATP Rerun Required: Yes No
11. Description of work completed:

This ABU verifies completion of the installation of an X-ray cable reel on distribution trailer HO-64-3533 under work package ES-95-362. The new cable reel on the trailer provides a dedicated power source of 240/120 vac, 70 amperes for the X-ray cart. The connector on the end of the power cable is physically different thus preventing the incorrect power source from being connected to the X-ray or the X-ray power from being connected to another piece of sampling equipment.

12. EXCEPTIONS:

- 12.1 An X-ray cable reel needs to be added to distribution trailer HO-64-3532.
- 12.2 The plug on the remaining X-ray carts must be changed to match the new connector on the X-ray cable reel.

13. Acceptance Test and Inspections:

- 13.1 Inspection and testing of the X-ray cable reel was completed under work package ES-95-362.

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14. Documents or Other Items/Tasks to be Completed or Updated:

14.1 See Attachment A for list of items.

14.2 Items to be completed:

- a. Spare parts - Add spares to Spare Parts Inventory and order parts. **Responsible:** B. R. Johns **Completion:** Upon completion of both trailers #3 and #4.
- b. Preventative Maintenance(PM) - Add X-ray reel checks to PM 6ES419.

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ATTACHMENT A

DOCUMENTATION REQUIRED FOR ACCEPTANCE FOR BENEFICIAL USE

Program/Project Title: X-RAY POWER			ETN: 95-0048		
DOCUMENTATION REQUIRED FOR ACCEPTANCE FOR BENEFICIAL USE					
DESCRIPTION	CHK	RESPONSIBILITY	DESCRIPTION	CHK	RESPONSIBILITY
ENGINEERING			TRAINING		
Engineering Task Plan (ETP)	X	ETP-155	Training Plan	N/A	
Actively Schedule	N/A		Training Manuals	N/A	
Final Safety Analysis Report (FSAR)	N/A		Training to Operating Crews	N/A	
Interim Safety Basis - Update	N/A		Training to Maintenance Crews	N/A	
Safety Assessment (SA)	N/A		Training Mock-Up	N/A	
Safety Equipment List (SEL)	N/A		OPERATIONS/MAINTENANCE		
Operational Safety Requirements (OSR) - or update existing	N/A				
Functional Design Criteria (FDC)	N/A		Operating and Maintenance Manuals	N/A	
Conceptual Design Report (CDR)	N/A		Operating Procedures	N/A	
Supplemental Design Requirements Document (SDRD)	N/A		Surveillance Procedures	N/A	
System Design Description (SDD)	N/A		Calibration Procedures	N/A	
Test Plan/Specifications	N/A		Preventative Maintenance Procedures	N/A	
Acceptance Test Procedures (ATPs) and Final Test Report	X	ES-95-362	Repair/Maintenance Procedures	N/A	
Operational Test Procedures (OTPs) and Final Test Report	X	ES-95-362	Functional Check Procedures	N/A	
Environmental Impact Statement	N/A		PM Data Sheets	X	B.R. JOHNS
Environmental Report	N/A		QUALITY ASSURANCE		
Environmental Permit	N/A				
Hazardous Waste Disposal Plan/Procedures	N/A		Inspection Plan	N/A	
Solid Waste Disposal Plan/Procedures	N/A		QAPP	N/A	
Stress/Seismic Analysis	N/A		QAPJP	N/A	
Stress/Design Report	N/A				
Design Specifications/Report	X	WHC-SD-WM-DB-029	PROCUREMENT ACTIVITIES		
Equipment Specifications	N/A				
Procurement Specifications	X	SK-2-24120			
Construction Specifications	X	SK-2-24120	Vendor Information Files	N/A	
Essential Material Specifications	N/A		Comprehensive Equipment List	N/A	
Final Design Drawing(s)	N/A		Spare Parts List	X	B.R. JOHNS
Installation Drawing(s)	N/A		Spare Parts in Stock	X	B.R. JOHNS
Installation Work Plan	X	ES-95-362			
As-built Drawing(s)	N/A				
Interface Control Drawing(s)	N/A				
IEFD Drawing(s)	N/A				
System Drawing(s)	N/A				
Drawing Tree	N/A				
Incorporate outstanding project generated ECN's	N/A				
Software Configuration Management Plan	N/A				
System Requirements Specs.	N/A				
Software Design Description	N/A				
Validation and Verification Records	N/A				