S

ENGINEERING DATA TRANSMITTAL	Page 1 of 1 1. EDT 628696
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2. To: (Receiving Organization) Distribution	3. From: (Originating Organization) CSB Subproject	4. Related EDT No.: N/A						
5. Proj./Prog./Dept./Div.: SNF/CSB	6. Design Authority/ Design Agent/Cog. Engr.: S. A. Krieg	7. Purchase Order No.: N/A						
8. Originator Remarks: For approval and release.		9. Equip./Component No.: N/A						
11. Receiver Remarks: 11A. Design Baseline Document? ☐ Yes ☒ No		10. System/Bldg./Facility: W-379						
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	SNF-6253	N/A	0	Canister Storage Building Acceptance for Beneficial Use Index - Roadmap of Supporting Documents	E, S, Q	1, 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	CSB DA S. A. Krieg	<i>S. A. Krieg</i>	5-1-00		1	1	Safety R. L. Garrett	<i>R. L. Garrett</i>	5/4/00	
1	1	CTS DA D. M. Chenault	<i>D. M. Chenault</i>	5-1-00		1	1	Env. J. E. Turnbaugh	<i>J. E. Turnbaugh</i>	5/5/00	
1	1	MCO DA L. H. Goldmann	<i>L. H. Goldmann</i>	4/26/2000		1	1	Facility Ops Mgr. O. M. Serrano	<i>O. M. Serrano</i>	000508	
1	2	MHM DA C. E. Swenson	<i>C. E. Swenson</i>	4/27/00		4	1	Ops Eng. J. O. Bilskis	<i>J. O. Bilskis</i>	4-27-00	
1	1	Cog. Eng. D. M. Black	<i>D. M. Black</i>	4-26-00		1	1	Ops Eng. Mgr. G. D. Bazinet	<i>G. D. Bazinet</i>	4-26-00	
1	1	Cog. Mgr. A. S. Daughtridge	<i>A. S. Daughtridge</i>	5/5/00		1	1	CTS & MCO Proj. Mgr. K. E. Smith	<i>K. E. Smith</i>	4/27/00	
1	1	QA S. S. Moss	<i>Stephen Scott Moss</i>	4-27-2000		1	1	CSB Start-Up R. J. Jablonski	<i>R. J. Jablonski</i>	4/28/00	

18. S. B. Harrington <i>S. B. Harrington</i> Signature of EDT Originator Date 4-26-00	19. O. M. Serrano <i>O. M. Serrano</i> Authorized Representative for Receiving Organization Date 000508	20. A. S. Daughtridge <i>A. S. Daughtridge</i> Design Authority Cognizant Manager Date 5/5/00	21. DOE APPROVAL (if required) Ctrl. No. ☐ Approved ☐ Approved w/comments ☐ Disapproved w/comments N/A
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Canister Storage Building Acceptance for Beneficial Use Index – Roadmap of Supporting Documents

Prepared for the U.S. Department of Energy
Assistant Secretary for Environmental Management

Project Hanford Management Contractor for the
U.S. Department of Energy under Contract DE-AC06-96RL13200

Fluor Hanford

P.O. Box 1000

Richland, Washington

Canister Storage Building Acceptance for Beneficial Use Index – Roadmap of Supporting Documents

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Pages - 55

Date Published
May 2000

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Fluor Hanford

P.O. Box 1000
Richland, Washington

Release Approval 5/9/00
Date

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CANISTER STORAGE BUILDING					
DOCUMENTATION REQUIRED FOR ACCEPTANCE FOR BENEFICIAL USE					
Description		Responsible	Description	Responsible	
ENGINEERING			ADP		
[1, n/a]	Engineering Task Plan	Proj/Nuclear Safety	[41]	Software Configuration Mgmt Plan	Proj/Engineering
[2, n/a]	Activity Schedule		[42]	System Requirements Spec	Proj/Engineering
[3]	Final Safety Analysis Report		[43]	Software Design Description	Proj/Engineering
[4, n/a]	Interim Safety Basis - update		[44]	Software Validation/Verification	Proj/Engineering
[5, n/a]	Safety Assessment	Proj/Engineering			
[6]	Safety Equipment List				
[7, see 3]	Operational Safety Requirements				
[8, n/a]	Operational Safety Document(s)				
[9, see 35]	Design Criteria		TRAINING		
[10]	System Design Description	Proj/Engineering	[45]	Training Plan	Ops/Training
[11]	Test Plan/Specifications	Start-Up	[46, n/a]	Training Manuals	Ops/Training
[12, n/a]	Acceptance Test Procedures and Final Test Report		[47]	Training to Operating Crews	
			[48]	Training to Maintenance Crews	
[13]	Pre-Operational Test Procedures and Final Test Report	Start-Up	[49, n/a]	Training Mock-Up	
[14]	Environmental Impact Statement	Environmental			
[15, n/a]	Environmental Report				
[16]	Environmental Permit	Environmental			
[17]	Hazardous Waste Disposal Plan/Procedures	Ops	OPERATIONS/MAINTENANCE		
[18, see 17]	Solid Waste Disposal Plan/Procedure		[50, see 51 & 54]	Operating and Maintenance Manuals	Ops/Procedures
[19, see 39]	Stress/Seismic Analysis		[51]	Operating Procedures	
[20, see 39]	Stress/Design Report		[52, see 54]	Surveillance Procedures	
[21, see 36]	Design Specifications/Report		[53]	Calibration Procedures	Ops/Procedures
[22, see 36]	Equipment Specifications		[54]	Preventative Maintenance Procedures	Ops/Procedures
[23]	Procurement Specifications	Proj/Engineering	[55, n/a]	Repair/Maintenance Procedures	
[24]	Construction Specification	Proj/Engineering	[56, see 54]	Functional Check Procedures	
[25, n/a]	Essential Material Specifications		[57, n/a]	PM/S Datasheets	
[26]	Final Design Drawings	Proj/Engineering			
[27, see 26]	Installation Drawings				
[28, n/a]	Installation Work Plan				
[29, see 26]	As-built Drawings				
[30, n/a]	Interface Control Drawings				
[31, n/a]	IEFD Drawings		[58, n/a]	Inspection Plan	
[32]	Piping and Instrumentation Drawings/Diagram (P&ID)	Proj/Engineering	[59]	QAPP	QA
[33, n/a]	Drawing Tree		[60, n/a]	QAPJP	
[34, n/a]	Incorporate Outstanding Project Generated ECNs				
[35]	Performance Specification	Proj/Engineering			
[36]	Design Basis Document	Proj/Engineering			
[37]	Factory Acceptance Tests	Proj/Engineering	[61]	Vendor Information Files	Proj/Engineering
[38]	Construction Acceptance Tests	Proj/Engineering	[62]	Spare Parts List	Engineering
[39]	Design Calculations	Proj/Engineering	[63, see 62]	Spare Parts in Stock	
[40]	Functions and Requirements Document	Proj/Engineering	[64]	Master Equipment List/Component Index	Engineering
			[65]	Tooling List	Proj/Engineering
			[66]	OTHER	Proj/Engineering

MULTI-CANISTER OVERPACKS AND BASKETS			
DOCUMENTATION REQUIRED FOR ACCEPTANCE FOR BENEFICIAL USE			
Description	Responsible	Description	Responsible
ENGINEERING		ADP	
[1, n/a] Engineering Task Plan	Proj/Nuclear Safety	[41, n/a] Software Configuration Mgmt Plan	Proj/Engineering
[2, n/a] Activity Schedule		[42, n/a] System Requirements Spec	
[3] Final Safety Analysis Report		[43, n/a] Software Design Description	
[4, n/a] Interim Safety Basis - update		[44] Software Validation/Verification	
[5, n/a] Safety Assessment			
[6, see 3] Safety Equipment List			
[7, see 3] Operational Safety Requirements			
[8, n/a] Operational Safety Document(s)	Proj/Engineering		
[9] Design Criteria		TRAINING	
[10, n/a] System Design Description	Proj/Engineering	[45, n/a] Training Plan	
[11] Test Plan/Specifications		[46, n/a] Training Manuals	
[12, see 61] Acceptance Test Procedures and Final Test Report	Proj/Engineering	[47, n/a] Training to Operating Crews	
[13, n/a] Pre-Operational Test Procedures and Final Test Report		[48, n/a] Training to Maintenance Crews	
[14, n/a] Environmental Impact Statement		[49, n/a] Training Mock-Up	
[15, n/a] Environmental Report			
[16, n/a] Environmental Permit		OPERATIONS/MAINTENANCE	
[17, n/a] Hazardous Waste Disposal Plan/Procedures		[50] Operating and Maintenance Manuals	Proj/Engineering
[18, n/a] Solid Waste Disposal Plan/Procedure		[51, n/a] Operating Procedures	
[19, see 20] Stress/Seismic Analysis	Proj/Engineering	[52, n/a] Surveillance Procedures	
[20] Stress/Design Report		[53, n/a] Calibration Procedures	
[21, see 9] Design Specifications/Report	Proj/Engineering	[54, n/a] Preventative Maintenance Procedures	
[22, n/a] Equipment Specifications		[55, n/a] Repair/Maintenance Procedures	
[23] Procurement Specifications	Proj/Engineering	[56, n/a] Functional Check Procedures	
[24, n/a] Construction Specification		[57, n/a] PM/S Datasheets	
[25, see 23] Essential Material Specifications			
[26] Final Design Drawings		QUALITY ASSURANCE	QA
[27, n/a] Installation Drawings		[58, see 61] Inspection Plan	
[28, n/a] Installation Work Plan		[59] QAPP	
[29, see 61] As-built Drawings		[60, n/a] QAPJP	
[30, n/a] Interface Control Drawings			
[31, n/a] IEFD Drawings		PROCUREMENT	
[32, n/a] Piping and Instrumentation Drawings/Diagram (P&ID)		[61] Vendor Information Files	Proj/Engineering
[33, see 26] Drawing Tree	Proj/Engineering	[62, see 50] Spare Parts List	
[34, n/a] Incorporate Outstanding Project Generated ECNs		[63, see 50] Spare Parts in Stock	
[35, see 9] Performance Specification			
[36, see 9] Design Basis Document		[64, n/a] Component Index	
[37, n/a] Factory Acceptance Tests		[65, n/a] Tooling List	
[38, n/a] Construction Acceptance Tests			
[39, see 20] Design Calculations			
[40] Functions and Requirements Document		[66] OTHER	Project

CASK TRANSPORT SYSTEM			
DOCUMENTATION REQUIRED FOR ACCEPTANCE FOR BENEFICIAL USE			
Description	Responsible	Description	Responsible
ENGINEERING		ADP	
[1, n/a] Engineering Task Plan	Proj/Nuclear Safety	[41, n/a] Software Configuration Mgmt Plan	
[2, n/a] Activity Schedule		[42, n/a] System Requirements Spec	
[3] Final Safety Analysis Report		[43, n/a] Software Design Description	
[4, n/a] Interim Safety Basis - update		[44, n/a] Software Validation/ Verification	
[5, n/a] Safety Assessment			
[6, see 3] Safety Equipment List			
[7, see 3] Operational Safety Requirements			
[8, n/a] Operational Safety Document(s)			
[9] Design Criteria			
[10] System Design Description			
[11] Test Plan/Specifications	Proj/Engineering	TRAINING	
[12, see 11] Acceptance Test Procedures and Final Test Report	Proj/Engineering	[45] Training Plan	Ops/Training
[13, see 11] Pre-Operational Test Procedures and Final Test Report	Proj/Engineering	[46, n/a] Training Manuals	Ops/Training
[14, n/a] Environmental Impact Statement		[47] Training to Operating Crews	
[15, n/a] Environmental Report		[48, n/a] Training to Maintenance Crews	
[16, n/a] Environmental Permit		[49, n/a] Training Mock-Up	
[17, n/a] Hazardous Waste Disposal Plan/Procedures			
[18, n/a] Solid Waste Disposal Plan/Procedure		OPERATIONS/MAINTENANCE	
[19, see 20] Stress/Seismic Analysis		[50] Operating and Maintenance Manuals	Proj/Engineering
[20] Stress/Design Report	Proj/Engineering	[51] Operating Procedures	Ops/Procedures
[21, see 10] Design Specifications/Report		[52, see 54] Surveillance Procedures	Ops/Procedures
[22, see 10] Equipment Specifications		[53, n/a] Calibration Procedures	
[23, n/a] Procurement Specifications		[54] Preventative Maintenance Procedures	
[24, n/a] Construction Specification		[55, see 54] Repair/Maintenance Procedures	
[25, see 11] Essential Material Specifications		[56, n/a] Functional Check Procedures	
[26] Final Design Drawings		[57, n/a] PM/S Datasheets	
[27, see 9 & 26] Installation Drawings			
[28, n/a] Installation Work Plan			
[29, see 11] As-built Drawings			
[30, n/a] Interface Control Drawings		QUALITY ASSURANCE	
[31, n/a] IEFD Drawings	Proj/Engineering	[58, see 61] Inspection Plan	QA
[32] Piping and Instrumentation Drawings/Diagram (P&ID)		[59] QAPP	
[33, n/a] Drawing Tree		[60, n/a] QAPJP	
[34, n/a] Incorporate Outstanding Project Generated ECNs			
[35, see 9] Performance Specification			
[36, see 9] Design Basis Document			
[37, n/a] Factory Acceptance Tests		PROCUREMENT	
[38, n/a] Construction Acceptance Tests		[61] Vendor Information Files	Proj/Engineering
[39, see 20] Design Calculations		[62] Spare Parts List	Proj/Engineering
[40, see 20] Functions and Requirements Document		[63, see 62] Spare Parts in Stock	
		[64] Component Index	Engineering
		[65, n/a] Tooling List	
		[66] OTHER	Proj/Engineering

Canister Storage Building Acceptance for Beneficial Use Index - Roadmap of Supporting Documents

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 the specific item into the CSB requirements. Operations Acceptance indicates completion of the Checklist for the specific facility. No Checklist item number means n/a for all three (CSB, MCO, and CTS).

CHECKLIST ITEM (from CSB/CTS/MCO Checklist)	SUPPORTING DOCUMENT NUMBER AND TITLE (or activity and its acceptance, or other definitive information)	RESPONSIBLE PERSON (by name and organization)	DUE DATE	OPERATIONS ACCEPTANCE (for specific, discreet portions)	COMMENTS
[3] Final Safety Analysis Report	HNF-3553, Appendix A, Rev. 0, Canister Storage Building Final Safety Analysis	B. J. Trawinski/Nuclear Safety			
	HNF-SD-SNF-SARR-005, Rev. 1, Multi-Canister Overpack Topical Report	B. D. Lorenz/Nuclear Safety			
MCO	HNF-SD-TR-SARP-017, Rev. 1, Safety Analysis Report for Packaging (Onsite) Multi-Canister Overpack Cask	B. D. Lorenz/Nuclear Safety			
CTS					
[6] Safety Equipment List	SNF-5591, Rev. 0, Spent Nuclear Fuel Project Canister Storage Building Safety Equipment List	A. S. Daughtridge/CSB Sub-project Manager S. A. Krieg, CSB DA			
	See 3				
MCO					
CTS	See 3				
	See 3				
[7] Operational Safety Requirements	See 3				
	See 3				
MCO	See 3				
CTS	See 3				
	See 35				
[9] Design Criteria	HNF-S-0426, Rev. 6, Performance Specification for the Spent Nuclear Fuel Project Multi-Canister Overpack	L. H. Goldmann/Design Authority			
MCO	WHC-S-0396, Rev. 1, Specification for SNF Path Forward Cask and Transportation System	D. M. Chenault/Design Authority			
CTS					

CHECKLIST ITEM (from CSB/CTS/MCO Checklist)	SUPPORTING DOCUMENT NUMBER AND TITLE (or activity and its acceptance, or other definitive information)	RESPONSIBLE PERSON (by name and organization)	DUE DATE	OPERATIONS ACCEPTANCE (for specific, discreet portions)	COMMENTS
[10] System Design Description (from CSB/CTS/MCO Checklist)	SNF-6151, Rev. 0, Spent Nuclear Fuel Project Canister Storage Building System Design Description	A. S. Daughtridge/CSB Sub- project Manager S. A. Krieg, CSB DA			MHM System Design Description will be added to SNF-6151 later.
	n/a				
	SNF-3947, Rev. 0B, Cask Transportation System System Design Description HNF-SD-SNF-DRCR-001, Rev. 0, Final Design Review Summary Report for the TN-WHC Cask and Transportation System	D. M. Chenault/Design Authority			
[11] Test Plan/Specifications	SNF-W379-TS-001 - Electrical Distribution System Test Specification SNF-W379-TS-002 - Instrument/Service Air System Test Specification SNF-W379-TS-003 - Fire Protection & Detection System Test Specification SNF-W379-TS-004 - Liquid Waste Collection System Test Specification SNF-W379-TS-005 - Communication System Test Specification SNF-W379-TS-006 - Operating Area HVAC System Test Specification SNF-W379-TS-007 - Support Area HVAC System Test Specification SNF-W379-TS-010 - HVAC Stack Monitoring Equipment Test Specification SNF-W379-TS-011 - Health Protection System Test Specification SNF-W379-TS-012 - Cask Receiving Crane Test Specification SNF-W379-TS-013 - MCO Servicing & Floor Crane Test Specification	R. J. Jablonski/Startup			

CHECKLIST ITEM (from CSB/CTS/MCO Checklist)	SUPPORTING DOCUMENT NUMBER AND TITLE (or activity and its acceptance, or other definitive information)	RESPONSIBLE PERSON (by name and organization)	DUE DATE	OPERATIONS ACCEPTANCE (for specific, discreet portions)	COMMENTS
<i>Test Plan/Specifications Continued</i>	SNF-W379-TS-014-1 - MCO Tube Purge Cart Test Specification SNF-W379-TS-014-2 - MCO Overpack Plugs/Tubes Test Specification SNF-W379-TS-015 - MCO Handling Machine System Test Specification SNF-W379-TS-016 - Vault Cooling System Test Specification SNF-W379-TS-017 - Security System Test Specification SNF-W379-TS-018 - Uninterruptible Power Supply System Test Specification SNF-W379-TS-019 - Rollup Doors Test Specification SNF-W379-TS-020 - Fire Water Pumphouse System Test Specification SNF-W379-TS-021 - Distributed Control System Test Specification SNF-W379-TS-023-1 - MCO Sample Station Test Specification SNF-W379-TS-023-2 - MCO Weld Station Test Specification Building/Balance of Equipment (TBD)				
MCO	<u>WHC-SD-SNF-TP-026, Rev. 0, MCO Fuel Basket Loading Test Plan</u> <u>WHC-SD-SNF-TP-028, Rev. 0A, MCO Mechanical Closure Prototype Test Plan</u> <u>WHC-SD-SNF-TRP-014, Rev. 0, MCO Fuel Basket Loading Test Report</u>	L. H. Goldmann/Design Authority			

CHECKLIST ITEM (from CSB/CTS/MCO Checklist)	SUPPORTING DOCUMENT NUMBER AND TITLE (or activity and its acceptance, or other definitive information)	RESPONSIBLE PERSON (by name and organization)	DUE DATE	OPERATIONS ACCEPTANCE (for specific, discreet portions)	COMMENTS
Test Plan/Specifications Continued	WHC-SD-SNF-IRP-018, MCO Mechanical Closure Prototype Test Report				
	HNF-SD-SNF-TP-035, Rev. 0, MCO Shield Plug Threaded Components, Torque/Gall Testing, and C- seal Testing, Test Plan and Procedures				
	HNF-2709, DRAFT, MCO Shield Plug Threaded Components, Torque/Gall Testing, and C-seal Testing, Test Report				
	HNF-4639, Rev. 1, Test Plan and Procedures for MCO Basket Stacking, Process Tube Insertion, and Basket Removal				
	SNF-W443-001 - Cask Transportation System Trailer CSB Test Specification VI 50021 Vendor Information Files	K. E. Smith/Project D. M. Chenault/Design Authority			
[12] Acceptance Test Procedures and Final Test Report	n/a				
	See 61				
	See 11				
[13] Pre-Operational Test Procedures and Final Test Report	SNF-W379-PAT-002 - Instrument/Service Air System Test	R. J. Jablonski/Startup			
	SNF-W379-PAT-004 - Liquid Waste Collection System Test				
	SNF-W379-PAT-006 - Operating Area HVAC System Test				
	SNF-W379-PAT-006-1 - Operating Area HVAC System Test Deficiencies (Retest)				
	SNF-W379-PAT-007 - Support Area HVAC System Test				

CHECKLIST ITEM (from CSB/CTS/MCO Checklist)	SUPPORTING DOCUMENT NUMBER AND TITLE (or activity and its acceptance, or other definitive information)	RESPONSIBLE PERSON (by name and organization)	DUE DATE	OPERATIONS ACCEPTANCE (for specific, discreet portions)	COMMENTS
<i>Pre-Operational Test Procedures and Final Test Report Continued</i>	SNF-W379-PAT-010-1 HVAC Stack Monitoring Equipment Test				
	SNF-W379-PAT-010-2 HVAC Stack Monitoring Equipment Test				
	SNF-W379-PAT-011-1 Health Protection System Test				
	SNF-W379-PAT-011-2 Health Protection System Test				
	SNF-W379-PAT-012 - Cask Receiving Crane Test				
	SNF-W379-PAT-013 - MCO Servicing & Floor Crane Test				
	SNF-W379-PAT-014-1 - MCO Tube Purge Cart Test				
	SNF-W379-PAT-014-2 - MCO Overpack Plugs/Tubes Test				
	SNF-W379-PAT-015-1 - MHM Logic Test				
	SNF-W379-PAT-015-2 - MHM Load Test				
	SNF-W379-PAT-015-3 - MHM Operational Demonstration Test				
	SNF-W379-PAT-017 - Security System Test				
	SNF-W379-PAT-018 - Uninterruptible Power Supply System Test				
	SNF-W379-PAT-019 - Rollup Doors Test				
	SNF-W379-PAT-020 - Fire Water Pumphouse System Test				

CHECKLIST ITEM (from CSB/CTS/MCO Checklist)	SUPPORTING DOCUMENT NUMBER AND TITLE (or activity and its acceptance, or other definitive information)	RESPONSIBLE PERSON (by name and organization)	DUE DATE	OPERATIONS ACCEPTANCE (for specific, discreet portions)	COMMENTS
Pre-Operational Test Procedures and Final Test Report Continued	SNF-W379-PAT-021 - Distributed Control System Test				
	SNF-W379-PAT-023-1 - MCO Sample Station Test				
	SNF-W379-PAT-023-2 - MCO Weld Station Test				
	Building/Balance of Equipment (TBD)				
	n/a				
[14] Environmental Impact Statement	See 11				
	DOE/EIS-0245E, <i>Management of Spent Nuclear Fuel from the K Basins at the Hanford Site, Richland, Washington</i> , January 1996	J. E. Turnbaugh, D. J. Watson/Environmental Engineering			
	DOE/EIS-0245, <i>Supplemental Analysis of Environmental Effects of Changes in DOE's Preferred Alternative for Management of Spent Nuclear Fuel from the K Basins at the Hanford Site, Richland, WA</i> , August 1998				
	Record of Decision: <i>Management of Spent Nuclear Fuel from the K Basins at the Hanford Site, Richland Washington</i> , 61 Federal Register 10736				
	n/a				
[16] Environmental Permit	n/a				
	DOE/RL-98-30, Rev. 0, <i>Radioactive Air Emissions Notice of Construction Canister Storage Building (Revised Sealing Configuration for Spent Nuclear Fuel) Project W-379</i> , June, 1998	J. E. Turnbaugh, D. J. Watson/Environmental Engineering			
	Approval Letter Air 98-710, State of Washington Department of Health to U.S. Department of Energy, Richland Operations Office, July 30, 1998				

CHECKLIST ITEM (from CSB/CTS/MCO Checklist)	SUPPORTING DOCUMENT NUMBER AND TITLE (or activity and its acceptance, or other definitive information)	RESPONSIBLE PERSON (by name and organization)	DUE DATE	OPERATIONS ACCEPTANCE (for specific, discreet portions)	COMMENTS
<i>Environmental Permit Continued</i>	Approval Letter, U.S. Environmental Protection Agency, Region 10, to U.S. Department of Energy, Richland Operations Office, August 26, 1998				
	n/a				
	n/a				
[17] Hazardous Waste Disposal Plan/Procedures	AP-5-010, Rev. 1, Spent Nuclear Fuel Project K-Basins Solid Waste n/a	N. O. Hinojosa/Operations			Document does not take effect until the building is accepted.
	n/a				
	n/a				
[18] Solid Waste Disposal Plan/Procedures	See 17				
	n/a				
	n/a				
[19] Stress/Seismic Analysis	See 39				
	See 20				
	See 20				
[20] Stress/Design Report	See 39	L. H. Goldmann/Design Authority			
	HNF-SD-SNF-DR-003, Rev. 3, Multi-Canister Overpack Design Report				
	HNF-SD-SNF-FDR-003, Rev. 0, Design and Analysis Report For the TN-WHC Cask and Transportation System (Transnuclear Report No. E-15166) and Addendum (Transnuclear Report No. E-16300)	D. M. Chenault/Design Authority			
[21] Design Specifications/Report	See 36				
	See 9				
	See 10				

CHECKLIST ITEM (from CSB/CTS/MCO Checklist)	SUPPORTING DOCUMENT NUMBER AND TITLE (or activity and its acceptance, or other definitive information)	RESPONSIBLE PERSON (by name and organization)	DUE DATE	OPERATIONS ACCEPTANCE (for specific, discreet portions)	COMMENTS
[22] Equipment Specifications	See 36 n/a See 10				
[23] Procurement Specifications	SNF-6130, Rev. 0, Spent Nuclear Fuel Project Canister Storage Building Procurement Specifications HNF-S-0453, Rev. 5, Multi-Canister Overpack Fabrication Specification n/a	A. S. Daughtridge/CSB Sub- project Manager S. A. Krieg, CSB DA L. H. Goldmann/Design Authority			
[24] Construction Specifications	SNF-6131, Rev. 0, Spent Nuclear Fuel Project Canister Storage Building Construction Specifications n/a n/a	A. S. Daughtridge/CSB Sub- project Manager S. A. Krieg, CSB DA			
[25] Essential Material Specifications	n/a See 23 See 11				
[26] Final Design Drawings	H-2-120911, Sheets 1, Mechanical CSB Tube Vent & Purge Cart Assembly Notes and Parts List H-2-120911, Sheet 2, Mechanical CSB Tube Vent & Purge Cart Assemble and Details H-2-125160, Sheet 2, Piping Compressed Air/MCO Plan Sections and Details H-2-125161, Sheet 1, Piping Operating/Support Areas Compressed Air/MCO Vacuum Plan H-2-125162, Sheet 1, Piping Floor Plan Inert Gas Systems and Air Systems	D. M. Black/Project G. D. Bazinet/Engineering			

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	H-2-125162, Sheet 3, Piping Floor Plan Inert Gas Systems and Air Systems				
	H-2-125162, Sheet 4, Piping Floor Plan Inert Gas Systems and Air Systems				
	H-2-125162, Sheet 5, Piping Floor Plan Inert Gas Systems and Air Systems				
	H-2-125162, Sheet 6, Piping Floor Plan Inert Gas Systems and Air Systems				
	H-2-125162, Sheet 7, Piping Floor Plan Inert Gas Systems and Air Systems				
	H-2-125163, Sheet 1, Piping Operating/Support Areas Compressed Air/MCO Vacuum Sections and Details				
	H-2-125163, Sheet 2, Piping Operating/Support Areas Compressed Air/MCO Vacuum Sections and Details				
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	H-2-125164, Sheet 1, Piping Operating/Support Areas Compressed Air/MCO Vent Sections and Details				
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	H-2-122731, Sheet 1, Electrical Canister Storage Building Standard Abbreviations and General Notes				
	H-2-122733, Sheet 1, Electrical Canister Storage Building One Line Diagram MC-32-209				
	H-2-122733, Sheet 2, Electrical Canister Storage Building One Line Diagram MC-32-210				

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<i>Final Design Drawings Continued</i>	H-2-122733, Sheet 3, Electrical Canister Storage Building Overall One Line Diagram				
	H-2-122733, Sheet 4, Electrical Canister Storage Building Generator 1A One Line Diagram				
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	H-2-122740, Sheet 2, Electrical Canister Storage Building Above Ground Power Plan				
	H-2-122740, Sheet 3, Electrical Canister Storage Building Above Ground Power Plan				
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	H-2-122741, Sheet 1, Electrical Canister Storage Building Above Ground Power Details				
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	H-2-122741, Sheet 3, Electrical Canister Storage Building Above Ground Power Details				

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<i>Final Design Drawings Continued</i>	H-2-120962, Sheet 1, Mechanical MCO Sampling/Weld Station Temporary Shielding				
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<i>Final Design Drawings</i> <i>Continued</i>	H-2-827027, Sheet 3, Turret Assembly H-2-827027, Sheet 4, Turret Assembly H-2-827027, Sheet 5, Turret Assembly H-2-827027, Sheet 6, Turret Assembly H-2-827027, Sheet 7, Turret Assembly H-2-827027, Sheet 8, Turret Assembly H-2-827027, Sheet 9, Turret Assembly H-2-827027, Sheet 10, Turret Assembly H-2-827027, Sheet 11, Turret Assembly H-2-827027, Sheet 12, Turret Assembly H-2-827027, Sheet 13, Turret Assembly H-2-827027, Sheet 14, Turret Assembly H-2-827027, Sheet 15, Turret Assembly H-2-827027, Sheet 16, Turret Assembly H-2-827027, Sheet 17, Turret Assembly				

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<i>Final Design Drawings</i> <i>Continued</i>	H-2-827027, Sheet 18, Turret Assembly				
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	H-2-828713, Sheet 1, Bridge Control Panel Wiring Diagram				
	H-2-828716, Sheet 1, Turret Rotate Festoon System				

CHECKLIST ITEM (from CSB/CTS/MCO Checklist)	SUPPORTING DOCUMENT NUMBER AND TITLE (or activity and its acceptance, or other definitive information)	RESPONSIBLE PERSON (by name and organization)	DUE DATE	OPERATIONS ACCEPTANCE (for specific, discreet portions)	COMMENTS
Final Design Drawings Continued	H-2-828717, Sheet 1, Operator Station Layout				
	H-2-828717, Sheet 2, MHM Alarm Indication Layout				
	H-2-828717, Sheet 3, MHM Alarm Indication Layout				
	H-2-828717, Sheet 4, MHM Alarm Indication Layout				
	H-2-828717, Sheet 5, MHM Alarm Indication Layout				
	H-2-828717, Sheet 6, MHM Alarm Indication Wiring				
	H-2-828717, Sheet 7, MHM Alarm Indication Wiring				
	H-2-828717, Sheet 8, MHM Alarm Indication & TV Monitor Wiring				
	H-2-828717, Sheet 9, MHM Status Indication Wiring				
	H-2-828717, Sheet 10, MHM Console Backsheet #1				
	H-2-828717, Sheet 11, MHM Console Backsheet #2				
	H-2-828717, Sheet 12, MHM Console Side Backsheet #2				
	H-2-828718, Sheet 1, Trolley Festoon System				
	H-2-828719, Sheet 1, Mainline Festoon System				
	H-2-828720, Sheet 1, Building Interconnection Diagram				

CHECKLIST ITEM (from CSB/CTS/MCO Checklist)	SUPPORTING DOCUMENT NUMBER AND TITLE (or activity and its acceptance, or other definitive information)	RESPONSIBLE PERSON (by name and organization)	DUE DATE	OPERATIONS ACCEPTANCE (for specific, discreet portions)	COMMENTS
<i>Final Design Drawings Continued</i>	H-2-828720, Sheet 2, Bridge Interconnect Diagram				
	H-2-828720, Sheet 3, Bridge Interconnection Wiring Diagram				
	H-2-828720, Sheet 4, Trolley Interconnection Diagram				
	H-2-828720, Sheet 5, Trolley Interconnection Diagram				
	H-2-828720, Sheet 6, Trolley Interconnection Diagram				
	H-2-828720, Sheet 7, Trolley Interconnection Diagram				
	H-2-828720, Sheet 8, Trolley Interconnection Diagram				
	H-2-828720, Sheet 9, Trolley Interconnection Diagram				
	H-2-828720, Sheet 10, Trolley Interconnection Diagram				
	H-2-828720, Sheet 11, Turret Interconnection Diagram				
	H-2-828720, Sheet 12, Turret Interconnection Diagram				
	H-2-828720, Sheet 13, MCO Hoist Interconnection Diagram				
	H-2-828720, Sheet 14, MCO Hoist Interconnection Diagram				
	H-2-828720, Sheet 15, MCO Hoist Interconnection Diagram				
	H-2-828720, Sheet 16, Plug Hoist Interconnection Diagram				

CHECKLIST ITEM (from CSB/CTS/MCO Checklist)	SUPPORTING DOCUMENT NUMBER AND TITLE (or activity and its acceptance, or other definitive information)	RESPONSIBLE PERSON (by name and organization)	DUE DATE	OPERATIONS ACCEPTANCE (for specific, discreet portions)	COMMENTS
<i>Final Design Drawings Continued</i>	H-2-828720, Sheet 17, Plug Hoist Interconnection Diagram				
	H-2-828720, Sheet 18, Turret Interconnection Diagram				
	H-2-828720, Sheet 19, Turret Interconnection Diagram				
	H-2-828721, Sheet 1, Title and Index				
	H-2-828721, Sheet 2, Main Power Elementary				
	H-2-828721, Sheet 3, Accelerometer X-Axis Inputs Elementary				
	H-2-828721, Sheet 4, Accelerometer Y-Axis Inputs Elementary				
	H-2-828721, Sheet 5, Accelerometer Z-Axis Inputs Elementary				
	H-2-828721, Sheet 6, Accelerometer Panel Layout				
	H-2-828721, Sheet 7, Accelerometer Power Panel Layout				
	H-2-828721, Sheet 8, Accelerometer Interconnection				
	H-2-828722, Sheet 1, Elementary				
	H-2-828722, Sheet 2, Panel Drawing				
	H-2-828722, Sheet 3, Interconnection Diagram				
	H-2-830130, Sheet 1, Trolley and Turret Rotate Control PNL Wiring Diagram				

CHECKLIST ITEM (from CSB/CTS/MCO Checklist)	SUPPORTING DOCUMENT NUMBER AND TITLE (or activity and its acceptance, or other definitive information)	RESPONSIBLE PERSON (by name and organization)	DUE DATE	OPERATIONS ACCEPTANCE (for specific, discreet portions)	COMMENTS
<i>Final Design Drawings Continued</i>	MHM H-2-830131, Sheet 1, Y-Channel Main Power Panel Wiring Diagram				
	H-2-828040, 2 Sheets, Rev. 4, MCO Drawing List and Drawing Tree	L. H. Goldmann/Design Authority			
	H-2-828041, 4 Sheets, Rev. 4, MCO Assembly				
	H-2-828042, 3 Sheets, Rev. 4, MCO Mechanical Closure				
	H-2-828043, Rev. 4, MCO Shell				
	H-2-828044, Rev. 4, MCO Shell Bottom				
	H-2-828045, 3 Sheets, Rev. 4, MCO Shield Plug				
	H-2-828046, Rev. 4, MCO Internal Filter				
MCO	H-2-828047, 3 Sheets, Rev. 4, MCO Process Valves				
	H-2-828048, Rev. 4, MCO Process Port				
	H-2-828049, Rev. 4, MCO Internal Filter Assembly				
	H-2-828050, 3 Sheets, Rev. 4, MCO Tube, Guard Plate Ring & Filter Assembly				
	H-2-828051, Rev. 4, MCO Process Tube				
	H-2-828060, 5 Sheets, Rev. 3, K-Basin SNF Storage Basket Mark 1A				
	H-2-828065, 6 Sheets, Rev. 4, K-Basin SNF Scrap Basket Mark 1A				

CHECKLIST ITEM (from CSB/CTS/MCO Checklist)	SUPPORTING DOCUMENT NUMBER AND TITLE (or activity and its acceptance, or other definitive information)	RESPONSIBLE PERSON (by name and organization)	DUE DATE	OPERATIONS ACCEPTANCE (for specific, discreet portions)	COMMENTS
<i>Final Design Drawings Continued</i>					
	MCO H-2-828070, 4 Sheets, Rev. 2, MCO Mark IV Storage Basket				
	H-2-828075, 5 Sheets, Rev. 4, MCO Mark IV Scrap Basket				
	CTS H-1-84831, Rev. 0, Sheets 1 & 2, Cask Trailer Parts List	D. M. Chenault/Design Authority			
	CTS 98-SNF/DMC-008, Cask Transportation System Deliverables				
[27] Installation Drawings	See 26				
	n/a				
	See 9 & 26				
	See 26				
	See 61				
	See 11				
[29] As-built Drawings					
	CTS MCO H-2-129580, Sheet 1, HVAC System Composition Diagram	A. S. Daughtridge/CSB Sub-project Manager			
	H-2-129581, Sheet 1, P&ID Storage Vault Temperature Monitoring	G. D. Bazinet/Engineering			
	H-2-129582, Sheet 1, P&ID HVAC Operating Area				
	H-2-129583, Sheet 1, P&ID HVAC Operating Area				
	H-2-129584, Sheet 1, P&ID HVAC Operating Area				
	H-2-129585, Sheet 1, P&ID HVAC Operating Area				
	H-2-129586, Sheet 1, P&ID HVAC Operating Area Exhaust Stack Monitoring				
[32] Piping and Instrumentation Drawings/Diagram (P&ID)					

CHECKLIST ITEM (from CSB/CTS/MCO Checklist)	SUPPORTING DOCUMENT NUMBER AND TITLE (or activity and its acceptance, or other definitive information)	RESPONSIBLE PERSON (by name and organization)	DUE DATE	OPERATIONS ACCEPTANCE (for specific, discreet portions)	COMMENTS
Piping and Instrumentation Drawings/Diagram (P&ID) <i>Continued</i>	H-2-129587, Sheet 1, P&ID HVAC Support Area Equipment				
	H-2-123390, Sheet 1 & 2, P&ID Instrumentation Legend Notes				
	H-2-123392, Sheet 1, P&ID Instrument/Plant Air System				
	H-2-123393, Sheet 1, P&ID Cask Service System				
	H-2-123394, Sheet 1, P&ID Tube Purging System				
	H-2-123395, Sheet 1, P&ID Liquid Waste Connection System				
	H-2-123397, Sheet 1, P&ID MCO Sampling System				
	H-2-123398, Sheet 1, P&ID Sampling Weld Station Argon System				
	H-2-125151, Sheet 1, Piping CSB General Notes, Legends, Symbolology				
	n/a				
MCO	H-1-84832, Rev. 0, Sheet 1, Cask Trailer Wiring Diagram for ABS Brake System	D. Chenault/Design Authority			
CTS	H-1-84833, Rev. 0, Sheet 1, Cask Trailer Air Plumbing Diagram For ABS Brake System				
	H-1-84833, Rev. 0, Sheet 2, Cask Trailer Air Plumbing Diagram Brake System				
[33] Drawing Tree	n/a				
	See 26				
	n/a				
CTS MCO					
CTS					

CHECKLIST ITEM (from CSB/CTS/MCO Checklist)	SUPPORTING DOCUMENT NUMBER AND TITLE (or activity and its acceptance, or other definitive information)	RESPONSIBLE PERSON (by name and organization)	DUE DATE	OPERATIONS ACCEPTANCE (for specific, discreet portions)	COMMENTS
[35] Performance Specification (from CSB/CTS/MCO Checklist)	HNF-S-0425, Rev. 0, Performance Specification for the Spent Nuclear Fuel Canister Storage Building	A. S. Daughtridge/CSB Sub-project Manager			
	Sec 9	S. A. Krieg, CSB DA			
	CTS MCO				
[36] Design Basis Document	SNF-6154, Rev. 0, Spent Nuclear Fuel Project Canister Storage Building Design Basis Document (cover sheet doc. To identify SNF # for DBD and transmit into Hanford system)	A. S. Daughtridge/CSB Sub-project Manager			
	Sec 9	S. A. Krieg, CSB DA			
	CTS MCO				
[37] Factory Acceptance Tests	SNF-6215, Rev. 0, Spent Nuclear Fuel Project Canister Storage Building Factory Acceptance Tests	J. T. Koberg/Project			
	n/a				
	CTS MCO				
[38] Construction Acceptance Tests	SNF-6216, Rev. 0, Spent Nuclear Fuel Project Canister Storage Building Construction Acceptance Tests	J. T. Koberg/Project			
	n/a				
	CTS MCO				
[39] Design Calculations	SNF-6132, Rev. 0, Spent Nuclear Fuel Project Canister Storage Building A/E's Design Calculations	A. S. Daughtridge/CSB Sub-project Manager			
	Sec 20	S. A. Krieg, CSB DA			
	CTS MCO				

CHECKLIST ITEM (from CSB/CTS/MCO Checklist)	SUPPORTING DOCUMENT NUMBER AND TITLE (or activity and its acceptance, or other definitive information)	RESPONSIBLE PERSON (by name and organization)	DUE DATE	OPERATIONS ACCEPTANCE (for specific, discreet portions)	COMMENTS
[40] Functions and Requirements Document	WHC-SD-SNF-FRD-010, Rev. 1, Spent Nuclear Fuel Project Stage and Store K Basin SNF in Canister Storage Building Functions and Requirements	A. S. Daughtridge/CSB Sub-project Manager			
	WHC-SD-SNF-FRD-016, Rev. 0, MCO Functions and Requirements	S. A. Krieg, CSB DA			
	CTS MCO	L. H. Goldmann/Design Authority			
	See 20				
[41] Software Configuration Management Plan	HNF-SD-SNF-CM-001, Rev. 3A, SNF Configuration Management Plan	G. D. Bazinet/Engineering			
	n/a				
	CTS MCO				
	n/a				
[42] System Requirements Specification	EDN-W379-CSBDCS-SOW-001, Rev. 0, Project W-379, Spent Nuclear Fuel Canister Storage Building Furnish and Install Distributive Control System	G. D. Bazinet/Engineering			
	n/a				
	CTS MCO				
	n/a				
[43] Software Design Description	EDN-W379-CSBDCS-SOW-001, Rev. 2, Project W-379, Spent Nuclear Fuel Canister Storage Building Furnish and Install Distributive Control System	G. D. Bazinet/Engineering			
	PLCS-CSB-SDD-001, Rev. 0, System Design Description of the Canister Storage Building Distributed Control System				
	CTS MCO				
	n/a				
[44] Software Validation/Verification	PLCS-CSB-CAT-001, Rev. 0, Canister Storage Building Distributed Control System Construction Acceptance Test Procedure	G. D. Bazinet/Engineering			
	PLCS-CSB-PAT-001, Rev. 0, Canister Storage Building Distributed Control System Construction Acceptance Test Procedure				
	CTS MCO				
	n/a				

CHECKLIST ITEM (from CSB/CTS/MCO Checklist)	SUPPORTING DOCUMENT NUMBER AND TITLE (or activity and its acceptance, or other definitive information)	RESPONSIBLE PERSON (by name and organization)	DUE DATE	OPERATIONS ACCEPTANCE (for specific, discreet portions)	COMMENTS
<i>Software Validation/Verification Continued</i>	HNF-SD-SNF-CSWD-005_Rev. 0, Multi-Canister Overpack Project Verification and Validation, MCNP 4A n/a	L. H. Goldmann/Design Authority			
[45] Training Plan	AP-TN-8-005-08, Operations Training Program Description Transition Training Plan for Operations Qualification/Certification for the Cold Vacuum Drying Facility, Canister Storage Building, and K West Cask Load-Out System n/a	G. L. Eaton/Ops Training			
	AP-TN-8-005-08, Operations Training Program Description Transition Training Plan for Operations Qualification/Certification for the Cold Vacuum Drying Facility, Canister Storage Building, and K West Cask Load-Out System	G. L. Eaton/Ops Training			
[47] Training to Operating Crews	CSB Facility Overview (Lesson Plan # 23MZC4) Instrument Service Air (Lesson Plan # 23MYC4) CSB HVAC (Lesson Plan # 23MYC5) Fire Detection/Suppression (Lesson Plan # 23OLA1) Electrical Distribution (Lesson Plan # 23OLA2) Distributed Control System (Lesson Plan # 23OLA3) HVAC Monitoring (Lesson Plan # 23MYD7)	Gary Babbitt/Ops Training			

CHECKLIST ITEM (from CSB/CTS/MCO Checklist)	SUPPORTING DOCUMENT NUMBER AND TITLE (or activity and its acceptance, or other definitive information)	RESPONSIBLE PERSON (by name and organization)	DUE DATE	OPERATIONS ACCEPTANCE (for specific, discreet portions)	COMMENTS
<i>Training to Operating Crews</i> <i>Continued</i>	Sample Weld Station (Lesson Plan # 23OLA4) MCO Storage Tubes Purge and Inert Gas Systems (Lesson Plan # 23OLA5) MHM Introduction (Lesson Plan # 23OLB0) MHM Bridge and Trolley Travel (Lesson Plan # 23OLB1) MHM MCO Hoist and Grapple (Lesson Plan # 23OLB2) MHM Turret (Lesson Plan # 23OLB3) Cask Receiving Crane (Lesson Plan # 23MYD2) MCO Service Station (Lesson Plan # 23OLA8)				
MCO	n/a				
CTS	Cask Loading Systems and Process Overview (Lesson Plan # 211011) Transporter Crew CVDF Process Bay Operations (Lesson Plan # 2201C1) MCO Service Station (Lesson Plan # 23OLA8) CSB Facility Overview (Lesson Plan # 23MZC4) CVD Facility Overview (Lesson Plan #) K Basin Facility Overview	Gary Babbit/Ops Training			

CHECKLIST ITEM (from CSB/CTS/MCO Checklist)	SUPPORTING DOCUMENT NUMBER AND TITLE (or activity and its acceptance, or other definitive information)	RESPONSIBLE PERSON (by name and organization)	DUE DATE	OPERATIONS ACCEPTANCE (for specific, discreet portions)	COMMENTS
<i>Training to Operating Crews Continued</i>	CTS SARP/AB Overview (Lesson Plan # 07MZG2) Cask Transport System (Lesson Plan # 23OLA9)				Name change likely.
[48] Training to Maintenance Crews	Spent Nuclear Fuel Project Maintenance Overview (Course # 07AZG0) Measuring & Testing Equipment Continuing Training (Course # 07AZW8) n/a n/a	F. R. Lemieux/Maintenance Training			
[50] Operating and Maintenance Manuals	See 51 and 54 HNF-4430, Rev. 0, MCO Operations and Maintenance Manual HNF-SD-SNF-OMM-003, Rev. 0, TN-WHC Cask and Transportation System: Installation, Operations, Repair and Maintenance Manual (IORM) and Addendum (ECN No. 645120)	L. H. Goldmann/Design Authority K. E. Smith/Project D. M. Chenault/Design Authority			
[51] Operating Procedures	AR-15-001S, Respond to MHM Alarms AR-21-001S, Respond to DCS Alarms OP-01-001S, Align Electrical Distribution/Normal Ops OP-01-002S, Restoration of 13.8 KVAC or 480 VAC Power OP-02-001S, Operate Instrument/Service Air System	R. E. Birney/SNF Project Path Forward Procedure Scheduling			

CHECKLIST ITEM (from CSB/CTS/MCO Checklist)	SUPPORTING DOCUMENT NUMBER AND TITLE (or activity and its acceptance, or other definitive information)	RESPONSIBLE PERSON (by name and organization)	DUE DATE	OPERATIONS ACCEPTANCE (for specific, discreet portions)	COMMENTS
Operating Procedures Continued	<u>OP-04-001S</u> , Remove Liquid From LWC Sump				
	<u>OP-06-001S</u> , Operate OHVAC				
	<u>OP-07-001S</u> , Operate SHVAC				
	<u>OP-10-001S</u> , Operation of Stack Monitor				
	<u>OP-10-002S</u> , Replace Stack Monitor Detector Filter				
	<u>OP-12-001S</u> , Pre-Use Inspection of Receiving Crane CRN-001				
	<u>OP-12-003S</u> , Prepare Cask/MCO for Shipment to Basin				
	<u>OP-13-001S</u> , Pre-Use Inspection of Service Station Crane CRN-008				
	<u>OP-14-001S</u> , Operate Tube Purge Cart and Hoist				
	<u>OP-14-002S</u> , Operate Inert Gas System				
	<u>OP-15-001S</u> , Operate MHM				
	<u>OP-18-001S</u> , Operate Uninterruptible Power System (UPS)				
	<u>OP-21-001S</u> , Start-Up and Shutdown DCS				
	<u>OP-23-001S</u> , Welding of MCO, Dye Penetrant Recovery Procedure				
	<u>OP-23-002S</u> , Operate Sample Station				

CHECKLIST ITEM (from CSB/CTS/MCO Checklist)	SUPPORTING DOCUMENT NUMBER AND TITLE (or activity and its acceptance, or other definitive information)	RESPONSIBLE PERSON (by name and organization)	DUE DATE	OPERATIONS ACCEPTANCE (for specific, discrete portions)	COMMENTS
Operating Procedures Continued	QP-24-001S, Perform Routine Operations Surveillance at CSB				
	n/a				
	SP-12-004S, Pre-Trip Cask Transporter Inspection	R. E. Birney/SNF Project Path Forward Procedure Scheduling			Waiting for approval.
[52] Surveillance Procedures	Sec 54				
	n/a				
	Sec 54				
[53] Calibration Procedures	SP-00-001L, Calibration of Rosemount 1151 Series Pressure Transmitters	R. E. Birney/SNF Project Path Forward Procedure Scheduling			
	SP-00-002L, Calibration of Rosemount 1151 Series Differential Pressure Transmitters				
	SP-00-003L, Calibration of Rosemount 1151 Smart Series Differential Pressure Transmitters				
	SP-00-004L, Calibration of Rosemount 3051 Smart series Differential Pressure Transmitters				
	SP-00-005L, Calibration of Temperature Transmitters				
	SP-00-006L, Calibration of Current to Pressure Transducer				
	SP-00-008L, Calibration of Fisher Globe Type Valve and Fisher Pneumatic Positioner				
	SP-00-009S, RIS Microm Digital Transmitter Loop Check				
	SP-00-010S, Calibration of Non-TSR Thermostats				
	SP-00-011L, Calibration of Non-TSR Related Pressure Gauges				
	SP-00-012L, Calibration of Non-TSR Related Pressure Switches				

CHECKLIST ITEM (from CSB/CTS/MCO Checklist)	SUPPORTING DOCUMENT NUMBER AND TITLE (or activity and its acceptance, or other definitive information)	RESPONSIBLE PERSON (by name and organization)	DUE DATE	OPERATIONS ACCEPTANCE (for specific, discreet portions)	COMMENTS
Calibration Procedures <i>Continued</i>	SP-00-013, Calibration of Non-TSR Related Temperature Switches				
	SP-00-014, Calibration of Non-TSR Related Differential Pressure Switches				
	SP-00-015, Calibration of Non-TSR Related Conductivity Instruments				
	SP-00-016, Calibration of Non-TSR Related Temperature Controllers				
	SP-00-017, Calibration of FIC Level Switch				
	SP-00-018, Calibration of Fire Water Storage Tank Level Control Loop				
	SP-02-001S, Calibration of Compressed Air Moisture Indicator				
	SP-10-002S, Calibrate Stack Monitor Detector				
	SP-10-003S, GEMS - 100 Stack Monitor Monthly Source Check				
	SP-10-005S, Calibrate Exhaust Stack Flow Control Loop F-281				
	SP-11-002S, Calibration of AMS-4 Continuous Air Monitor				
	SP-14-002S, Calibrate MCO Tube Cart Gas Monitor				
	SP-14-003S, Calibrate MCO Tube Cart CAM				
SP-14-004S, Calibration of the MCO Tube Cart Hydrogen Monitor					
CTS MCO	n/a				
CTS MCO	n/a				

CHECKLIST ITEM (from CSB/CTS/MCO Checklist)	SUPPORTING DOCUMENT NUMBER AND TITLE (or activity and its acceptance, or other definitive information)	RESPONSIBLE PERSON (by name and organization)	DUE DATE	OPERATIONS ACCEPTANCE (for specific, discreet portions)	COMMENTS
[54] Preventative Maintenance Procedures	MP-01-001S, Inspect and Test Clean Switch Gear SG-32-202	R. E. Birney/SNF Project Path Forward Procedure Scheduling			
	MP-01-002S, Inspect/Clean & Test MCCs (MC-33-207/208)				
	MP-01-003S, Inspect/Clean & Test MCC (MC-32-209)				
	MP-01-004S, Inspect/Clean & Test MCC (MC-32-210)				
	MP-02-001S, Perform Periodic Maintenance on Air Compressor				
	MP-02-002S, Maintenance on Instrument/Service Air Dryer DR-1, Prefilter F-5 and After Filter F-6				
	MP-06-001S, Inspect and Lubricate AH001 and 002				
	MP-06-002S, Replace AH-001 and AH-002 Air Filters				
	MP-06-003S, Inspect OHVAC Duct Heaters				
	MP-06-004S, Inspect and Lubricate EF-001 and EF-002				
	MP-06-005S, Replace PF-001 & PF-002 Air Filters				
	MP-06-006S, In-Place Testing of HEPA Filter Systems				
	MP-07-001S, Inspect SHVAC				
	MP-12-001S, Perform Quarterly Transporter Maintenance				
	MP-12-002S, Replacing Cask Seals				

CHECKLIST ITEM (from CSB/CTS/MCO Checklist)	SUPPORTING DOCUMENT NUMBER AND TITLE (or activity and its acceptance, or other definitive information)	RESPONSIBLE PERSON (by name and organization)	DUE DATE	OPERATIONS ACCEPTANCE (for specific, discreet portions)	COMMENTS
<i>Preventative Maintenance Procedures Continued</i>	<u>MP-15-001S</u> , Periodic Inspection MCO Handling Machine Op Area Crane				
	<u>MP-19-001S</u> , Inspect and Lube Process Bay Doors				
	<u>MP-19-002S</u> , Inspect and Lubricate CSB Mega-Door 035				
	<u>MP-20-001S</u> , Fire Protection Pump Maintenance				
	<u>MP-20-002S</u> , Jockey Pump Maintenance				
	<u>MP-20-003S</u> , Fire Water Heater Pump Maintenance				
	<u>MP-20-004S</u> , Fire Water Heater Maintenance and Inspection				
	<u>MP-20-005S</u> , Fire Water Sump Pump Maintenance				
	<u>MP-23-001S</u> , Inspect/Service MCO Sample Cart				
	<u>MP-23-002S</u> , Inspect/Service Weld Head				
	<u>MP-23-004S</u> , Inspection and Testing of Sampling/Weld Station Flexible Ducting				
	<u>MP-23-005S</u> , Inspect Sample/Weld Station Rotation Drive System				
	<u>MP-23-006S</u> , Frequent Inspection of Sample/Weld Station Cranes CRN-009 and CRN-010				
	<u>MP-23-007S</u> , Inspect/Service MCO Weld Cart				

CHECKLIST ITEM (from CSB/CTS/MCO Checklist)	SUPPORTING DOCUMENT NUMBER AND TITLE (or activity and its acceptance, or other definitive information)	RESPONSIBLE PERSON (by name and organization)	DUE DATE	OPERATIONS ACCEPTANCE (for specific, discreet portions)	COMMENTS
<i>Preventative Maintenance Procedures Continued</i>	MP-23-008S, Inspect/Service Sample Station Exhaust Hood				
	MP-23-009S, Inspect/Service Weld Station Exhaust Hood				
	MP-23-011S, Periodic Inspection of Sample/Weld Station Cranes CRN-009 and CRN-010				
	MP-23-013S, Inspect/Clean Exhaust System -AH-006				
	MP-23-014S, Replace MCO Sampling/Weld Station HEPA Filter AH-006				
	MP-24-002S, Cold Weather Preparation for Buildings				
	SP-04-001S, Test SU-1 Sump Pump Level Indication				
	SP-10-001S, Calibrate Stack Monitor Detector				
	SP-12-002S, Perform Transporter Cask Integrity Test				
	SP-13-001S, Monthly Wire Rope Inspection of Cranes & Hoists				
	SP-14-001S, Operational Check of Tube Purge Cart Monitors				
	SP-18-001S, Inspect/Clean UPS				
	SP-20-001S, Weekly Jockey Pump Test				
	SP-20-002S, Annual Fire Water Pump Test				
	SP-20-003S, Annual Fire Water Heater Pump/Heater Test				

CHECKLIST ITEM (from CSB/CTS/MCO Checklist)	SUPPORTING DOCUMENT NUMBER AND TITLE (or activity and its acceptance, or other definitive information)	RESPONSIBLE PERSON (by name and organization)	DUE DATE	OPERATIONS ACCEPTANCE (for specific, discreet portions)	COMMENTS
Preventative Maintenance Procedures Continued	SP-20-006S, Weekly Fire Pump Inspection and Testing				
	SP-20-008S, Monthly Emergency Lighting Inspection and Testing				
	SP-20-010S, Quarterly Fire Protection Inspections				
	SP-20-013S, Annual Fire Protection Mechanical Inspections and Testing				
	SP-20-014S, Annual Emergency Lighting Inspection and Testing				
	SP-20-015S, Two Year Fire Protection Inspection, Testing and Maintenance				
	SP-20-018S, Six Year Fire Extinguisher Inspection and Testing				
	SP-20-019S, Ten Year Fire Protection Inspection and Testing				
	SP-20-020S, Twelve Year Fire Extinguisher Inspection Testing				
	SP-20-021S, Annual Fire Protection Cold Weather Inspections				
MCO	n/a				
CTS	MP-12-003S, Monthly CTS Exercising	R. E. Birney/SNF Project Path Forward Procedure Scheduling			
	MP-12-001S, Perform Quarterly Transporter Maintenance				
	MP-12-002S, Replacing Cask Seals				
	SP-12-002S, Perform Transporter Cask Integrity Test				

CHECKLIST ITEM (from CSB/CTS/MCO Checklist)	SUPPORTING DOCUMENT NUMBER AND TITLE (or activity and its acceptance, or other definitive information)	RESPONSIBLE PERSON (by name and organization)	DUE DATE	OPERATIONS ACCEPTANCE (for specific, discreet portions)	COMMENTS
[55] Repair/Maintenance Procedures	n/a				
[56] Functional Check Procedures	CTS MCO				
	See 54				
	See 54				
	CTS MCO				
[58] Inspection Plan	n/a				
	See 61				
	See 61				
	CTS MCO				
[59] QAPP	SNF-4948, Rev. 0A, Spent Nuclear Fuel Project Quality Assurance Program Plan	R. P. Ruth/SNF QA Manager			
	QAPP-OCRWM-001, Rev. 5, Project Hanford QAPP for Implementation of the OCRWM QARD for the SNF Project	R. P. Ruth/SNF QA Manager			
	SNF-4948, Rev. 0A, Spent Nuclear Fuel Project Quality Assurance Program Plan	R. P. Ruth/SNF QA Manager			
	CTS MCO				
[61] Vendor Information Files	Ederer Electrical Control Elementary Drawings (EB-33056, Sheets 1 - 67)	D. M. Black/Project G. D. Bazinet/Engineering			Not received
	Alstom Control Logic Diagrams (363A0038, Sheets 1-27)				Not received
	Alstom Wiring Diagrams (363A0038, Sheets 1-27)				Currently a Vendor Dwg. Requested to change to Support or Essential
	Ederer Electrical Interconnection Diagrams (ED-33070, Sheets 1-22)				Currently a Vendor Dwg. Requested to change to Support or Essential
	Ederer Control Panel Schematic Drawings (EC-35900, ED-33065 through ED-33069)				Currently a Vendor Dwg. Requested to change to Support or Essential

CHECKLIST ITEM (from CSB/CTS/MCO Checklist)	SUPPORTING DOCUMENT NUMBER AND TITLE (or activity and its acceptance, or other definitive information)	RESPONSIBLE PERSON (by name and organization)	DUE DATE	OPERATIONS ACCEPTANCE (for specific, discreet portions)	COMMENTS
Vendor Information Files Continued	Alsthom Block Connection Diagrams (363A0029, Sheet 1-10)				
	Alsthom Single Line Diagrams (363A0030 Sheets 1-3)				
	Alsthom Mechanical Assembly Drawings	D. M. Black/Project G. D. Bazinet/Engineering			
	Alsthom Mechanical Detail (Fabrication) Drawings				
	Ederer Mechanical Assembly, General Arrangement, and Fabrication Drawings				
	Alsthom Parts List				
	Ederer Bill of Materials				
	VI 50100 Vendor Information Files				
	HNF-SD-SNF-MP-001, Rev. 3, Spent Nuclear Fuel Project Data Management Plan	D. R. Lucas/MCO Subproject Manager			
	VI 50021 Vendor Information Files	K. E. Smith/Project D. M. Chenault/Design Authority			
[62] Spare Parts List	SNF-6266, Rev. 0, Canister Storage Building Spare Parts List See 50	G. D. Bazinet/Engineering			In progress. Scheduled for completion by May 10, 2000.
[63] Spare Parts in Stock	98-SNF/DMC-008, 12/8/98, Cask Transportation Deliverables See 62	D. M. Chenault/Design Authority			
	See 50				
	See 62				

CHECKLIST ITEM (from CSB/CTS/MCO Checklist)	SUPPORTING DOCUMENT NUMBER AND TITLE (or activity and its acceptance, or other definitive information)	RESPONSIBLE PERSON (by name and organization)	DUE DATE	OPERATIONS ACCEPTANCE (for specific, discreet portions)	COMMENTS
[64] Master Equipment List/ Component Index	Receiving Crane	G. D. Bazinet/Engineering			As-built drawings will be completed by the end of May. Component index is expected to be completed at that time.
Cask Receiving	Cask Lifting Yoke				
Cask Receiving	Rail Frog Assemblies				
Cask Receiving	Service Station Impact Absorber				
Cask Receiving	Cask Transfer Safety System				
Cask Receiving	MCO Service Station Pit				
Cask Receiving	Mobile Service Station Tent				
Cask Receiving	Tent Gantry Hoist				
Cask Receiving	Shield Hatch Assembly				
Cask Receiving	Cask Lid Automated Torque Tool				
Cask Receiving	MCO Servicing HEPA Filter				
Cask Receiving	Flexible Steel Hose				
Cask Receiving	MCO Servicing Instruments				
Cask Receiving	Sampling Equipment				
Cask Receiving	MHM Bridge and Trolley				

CHECKLIST ITEM (from CSB/CTS/MCO Checklist)	SUPPORTING DOCUMENT NUMBER AND TITLE (or activity and its acceptance, or other definitive information)	RESPONSIBLE PERSON (by name and organization)	DUE DATE	OPERATIONS ACCEPTANCE (for specific, discreet portions)	COMMENTS
Master Equipment List/ Component Index Continued	MHM Cask and Turret				
	MHM Retractable Nose Unit and Shield Skirt				
	MHM Ventilation and Filtration System				
	HMH Power and Compressed Air Supply				
	Sampling/Weld Pit Impact Absorber				
Sampling Operations	Sampling/Weld Gantry Cranes and Hoists				
	Sample Cart				
	Sample Hood				
	Sampling Station Cooling Cap				
	Sampling Station Chiller				
Sampling Operations	Sampling Station HEPA Filter and Exhauster				
	Center Shield Plate Assembly				
	Intake Plenum				
Storage Vault	Outlet Plenum				
	Intake Stack				

CHECKLIST ITEM (from CSB/CTS/MCO Checklist)	SUPPORTING DOCUMENT NUMBER AND TITLE (or activity and its acceptance, or other definitive information)	RESPONSIBLE PERSON (by name and organization)	DUE DATE	OPERATIONS ACCEPTANCE (for specific, discreet portions)	COMMENTS
<i>Master Equipment List/ Component Index Continued</i>	Exhaust Stack				
	Vault 1				
	DCS				
	Tube Vent and Purge Cart				
	Portable Hoist				
	Floor Electrical Sockets				
	Helium Fill Station				
[65] Tooling List	n/a				Scheduled to be completed by May 15, 2000.
	XXXX	J. O. Bilskis/Ops			
	SNF-6267, Rev. 0, Canister Storage Building Tooling List	D. M. Black/Project G. D. Bazinet/Engineering			Tooling List completed and being reviewed.
	n/a				
	n/a				
[66] Other	List of miscellaneous documents	D. M. Black/Project G. D. Bazinet/Engineering			
	List of miscellaneous documents	K. E. Smith/Project			
	List of miscellaneous documents	K. E. Smith/Project			

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Project Title/Work Order		EDT No 628696
SNF-6253, Rev. 0		ECN No. N/A
Canister Storage Building Acceptance for Beneficial Use Index – Roadmap of Supporting Documents		

Name	MSIN	Text With All Attach.	Text Only	Attach./Appendix Only	EDT/ECN Only
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G. E. Babbitt	S2-45	X
G. D. Bazinet	S8-06	X
J. O. Bilskis	S2-44	X
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