

COMPONENT NAME	MATERIAL	QTY REQ
OUTER LID	SB-575 (UNS N06022)	1
SPREAD RING	SA-240 (UNS S31600)	1
SHIELD PLUG	SA-240 (UNS S31600)	1
PURGE PORT CAP	SA-240 (UNS S31600)	2
DIVIDER PLATE ASSY	SA-516 (UNS K02700)	1
INNER VESSEL	SA-240 (UNS S31600)	1
INTERFACE RING (SEE 000-MW0-DS00-00103-000)	SA-240 (UNS S31600)	1
OUTER CORROSION BARRIER	SB-575 (UNS N06022)	1
UPPER SLEEVE	SB-575 (UNS N06022)	1
LOWER SLEEVE	SB-575 (UNS N06022)	1
SUPPORT RING (SEE 000-MW0-DS00-00103-000)	SB-575 (UNS N06022)	1

NOMINAL LENGTH	NOMINAL DIAMETER	WASTE PACKAGE ASSY	LOADED MASS
145.57 IN	83.70 IN	57,400 LBM	90,000 LBM
3697.4 MM	2126.0 MM	26,000 KG	40,800 KG

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THIS DRAWING IS PRELIMINARY AND NOT INTENDED FOR CONSTRUCTION, PROCUREMENT OR FABRICATION.

NOTES:

- ALL DIMENSIONS ARE IN INCHES MILLIMETERS IN BRACKETS.
- ALL DIMENSIONS ARE REFERENCE ONLY.
- DO NOT SCALE FROM DRAWING.
- THIS DRAWING IS SUPPORTING DESIGN INFORMATION (SDI).
- LID LIFTING FEATURES ARE BASED ON REFERENCES 2, 3, & 9.
- S31600 HAS ADDITIONAL CONTROLS ON CARBON AND NITROGEN.
- FOR ORIGINAL SIGNATURES FOR REV 00A SEE CONTROLLED ARCHIVE.
- THE PURGE PORT CAP CONTAINS METALLIC GASKETS, BUT THE MATERIAL MASSES ARE NEGLIGIBLE AND ARE NOT INCLUDED. SEE REFERENCE 8.
- THE WASTE PACKAGE CAN BE LOADED WITH ONE 24-IN DOE SNF CANISTER IN A PERIPHERAL LOCATION IF THE CENTER LOCATION IS EMPTY. THE REMAINING FOUR PERIPHERAL LOCATIONS ARE THEN LOADED WITH HLW CANISTERS. SEE REFERENCE 10. THE LOADED MASS WAS CALCULATED USING THE STANDARD FIVE HLW AND ONE DOE SNF CONFIGURATION.

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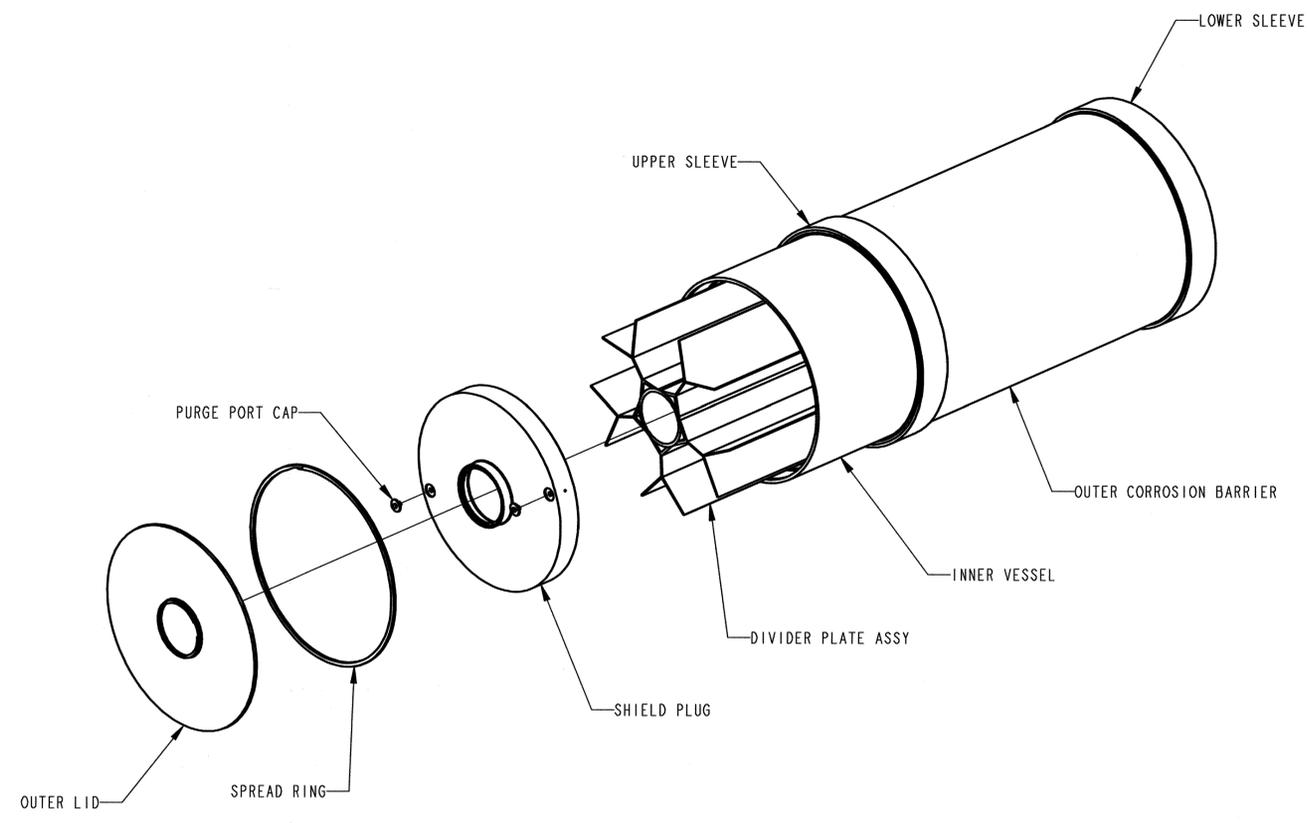
REFERENCE LIST:

- Q-LIST. 000-30R-MGR0-00500-000-003, PAGE A-4
- HIGH-LEVEL RADIOACTIVE WASTE AND U.S. DEPARTMENT OF ENERGY AND NAVAL SPENT NUCLEAR FUEL TO THE MONITORED GEOLOGIC REPOSITORY. VOLUME 1 OF INTEGRATED INTERFACE CONTROL DOCUMENT. DOE/RW-0511 REV. 03, FIGURES C-7, C-9, C-11 & C-24.
- SUPPLIER DOCUMENT 0051280-0052-001-1, PAGE 2, FIGURE 2.
- 5-DHLW/DOE SNF-SHORT CO-DISPOSAL WASTE PACKAGE CONFIGURATION, 000-MW0-DS00-00102-000 AND 5-DHLW/DOE SNF-SHORT CO-DISPOSAL WASTE PACKAGE CONFIGURATION, 000-MW0-DS00-00103-000
- BASIS OF DESIGN FOR THE TAD CANISTER-BASED REPOSITORY DESIGN CONCEPT 000-3DR-MGR0-00300-000-000.
- 2001 ASME BOILER AND PRESSURE VESSEL CODE (INCLUDES 2002 ADDENDA). TIC: 251425.
- ASTM G 1-90 (REAPPROVED 1999). STANDARD PRACTICE FOR PREPARING, CLEANING, AND EVALUATING CORROSION TEST SPECIMENS. TIC: 238771.
- ASSESSMENT OF PROPOSED DEFINITION OF PURGE PORT CAP & GASKET MATERIAL. 000-30R-WISO-00600-000-00, ENTIRE.
- SUPPLIER DOCUMENT 0051280-0020-001-1, ENTIRE.
- YUCCA MOUNTAIN PROJECT CONCEPTUAL DESIGN REPORT, TDR-MGR-MD-000014, REV. 05, TABLE 2-24.

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REV	DESCRIPTION	DATE	ORG	CHK	EGS	PE	DEK	DEC
00C	CLARIFIED LOADED MASS INFO PER REFERENCE 10. ADDED NOTE 9. ADDED REFERENCE 10.	3/6/07						
00B	EXTENSIVE REVISION TO COMPLY WITH THE CURRENT DESIGN CONCEPT - REMOVED MIDDLE LID. REPLACED INNER LID WITH SHIELD PLUG. REVISED SPREAD RING AND LIFTING RING. REVISED SLEEVES. UPDATED REFERENCE LIST.	2/11/07	JV	MD	MA	MJ	MA	DT
00A	INITIAL ISSUE	1/20/04	TS	ML	AS	CC	N/A	DT

APPROVALS		INITIAL/DATE	U.S. DEPARTMENT OF ENERGY Office of Civilian Radioactive Waste Management	
ORIGINATOR	T. SCHMITT	TS 1/20/04	Management and Operation of the Office of Civilian Radioactive Waste Management Program	
CHECKER	M. LEWIS	ML 1/20/04	SAIC	
ENGINEERING GROUP SUPERVISOR	A. SCHEIDER	AS 1/20/04	5-DHLW/DOE SNF - SHORT CO-DISPOSAL WASTE PACKAGE CONFIGURATION	
PROJECT ENGINEER	C. CHAGNON	CC 1/20/04		
DIRECTLINE ENGINEERING MANAGER	N/A	N/A	SAFETY CLASSIFICATION	DOCUMENT IDENTIFIER:
IN CHARGE	D. TUNNEY	DT 1/20/04	ITS & ITW1	000-MW0-DS00-00101-000
			SIZE & SCALE	CAP FILE
			D NONE	000-MW0-DS00-00100-000.DRW



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 2. ALL DIMENSIONS ARE REFERENCE ONLY.
 3. DO NOT SCALE FROM DRAWING.
 4. THIS DRAWING IS SUPPORTING DESIGN
INFORMATION (SDI).
 5. LID LIFTING FEATURES ARE BASED ON REFERENCES 2, 3, & 9.
 6. S31600 HAS ADDITIONAL CONTROLS ON
CARBON AND NITROGEN.
 7. FOR ORIGINAL SIGNATURES FOR REV 00A
SEE CONTROLLED ARCHIVE.
 8. THE PURGE PORT CAP CONTAINS METALLIC GASKETS,
BUT THE MATERIAL MASSES ARE NEGLIGIBLE AND ARE
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00B THE WASTE PACKAGE CAN BE LOADED WITH ONE 24-IN DOE SNF CANISTER IN A PERIPHERAL LOCATION IF THE CENTER LOCATION IS EMPTY. THE REMAINING FOUR PERIPHERAL LOCATIONS ARE THEN LOADED WITH HLW CANISTERS. SEE REFERENCE 10. THE LOADED MASS WAS CALCULATED USING THE STANDARD FIVE HLW AND ONE DOE SNF CONFIGURATION.

- REFERENCE LIST:
1. Q-LIST. 000-30R-MGR0-00500-000-003, PAGE A-4.
 2. HIGH-LEVEL RADIOACTIVE WASTE AND U.S. DEPARTMENT OF ENERGY AND NAVAL SPENT NUCLEAR FUEL TO THE MONITORED GEOLOGIC REPOSITORY. VOLUME 1 OF INTEGRATED INTERFACE CONTROL DOCUMENT. DOE/RW-0511 REV. 03, FIGURES C-7, C-9, C-11 & C-24.
 3. SUPPLIER DOCUMENT 005128Q-0052-001-1, PAGE 2, FIGURE 2.
 4. 5-DHLW/DOE SNF-SHORT CO-DISPOSAL WASTE PACKAGE SKETCH, 000-MWK-DS00-00502-000 THROUGH 000-MWK-DS00-00504-000.
 5. BASIS OF DESIGN FOR THE TAD CANISTER-BASED REPOSITORY DESIGN CONCEPT 000-3DR-MGR0-00300-000-000.
 6. 2001 ASME BOILER AND PRESSURE VESSEL CODE (INCLUDES 2002 ADDENDA). TIC: 251425.
 7. ASTM G 1-90 (REAPPROVED 1999). STANDARD PRACTICE FOR PREPARING, CLEANING, AND EVALUATING CORROSION TEST SPECIMENS. TIC: 238771.
 8. ASSESSMENT OF PROPOSED DEFINITION OF PURGE PORT CAP & GASKET MATERIAL. 000-30R-WIS0-00600-000-00, ENTIRE.
 9. SUPPLIER DOCUMENT 005128Q-0020-001-1, ENTIRE.

00B 10. YUCCA MOUNTAIN PROJECT CONCEPTUAL DESIGN REPORT, TDR-MGR-MD-000014, REV. 05, TABLE 2-24.

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INNER VESSEL	SA-240 (UNS S31600)	1
INTERFACE RING (SEE 000-MWK-DS00-00503-000)	SA-240 (UNS S31600)	1
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00B	CLARIFIED LOADED MASS INFO PER REFERENCE 10. ADDED NOTE 9. ADDED REFERENCE 10.	3/5/07	IV	N/A	N/A	N/A
00A	INITIAL ISSUE	2/22/07	SO	MD	JV	N/A
REV	DESCRIPTION	DATE	ORG	CHK	EGS	PE
REVISION HISTORY						
U.S. DEPARTMENT OF ENERGY Office of Civilian Radioactive Waste Management						
ORIGINATOR	S. OCAMPO	SO	2/22/07	BECHTEL SAIC		
CHECKER	M. DURANI	MD	2/22/07	Management and Operation of the Office of Civilian Radioactive Waste Management Program		
ENGINEERING GROUP SUPERVISOR	J. VIGGATO	JV	2/22/07	5-DHLW/DOE SNF - SHORT CO-DISPOSAL WASTE PACKAGE SKETCH		
PROJECT ENGINEER	N/A	N/A	N/A			
DISCIPLINE ENGINEERING MANAGER	N/A	N/A	N/A	SAFETY CLASSIFICATION	DOCUMENT IDENTIFIER:	
DE CONCURRENCE	N/A	N/A	N/A	ITS & ITWI	000-MWK-DS00-00501-000	
				SIZE	SCALE	REV
				D	NONE	000-MWK-DS00-00500-000.DRW
						00B