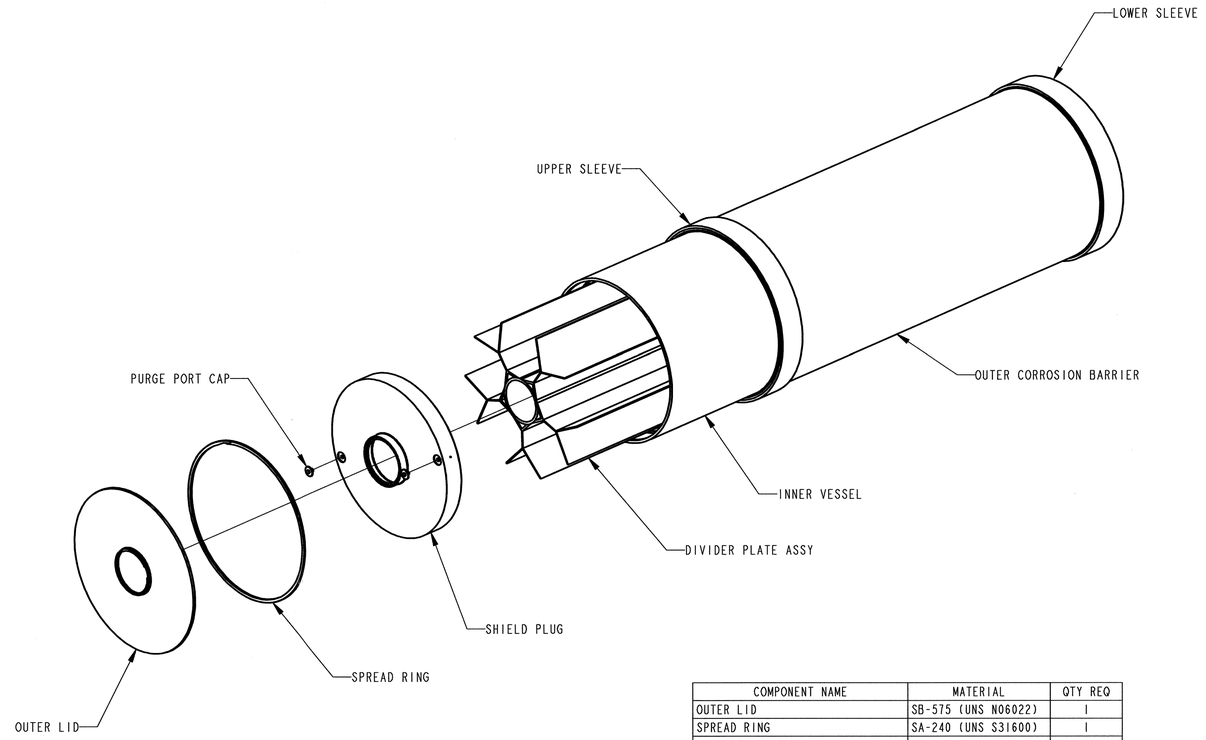

COMPONENT NAME	MATERIAL	QTY REQ
OUTER LID	SB-575 (UNS N06022)	1
SPREAD RING	SA-240 (UNS S31600)	1
SHIELD PLUG	SA-240 (UNS S31600)	1
PURGE PORT CAP	SA-240 (UNS S31600)	2
DIVIDER PLATE ASSY	SA-516 (UNS K02700)	1
INNER VESSEL	SA-240 (UNS S31600)	1
INTERFACE RING (SEE 000-MWK-DS00-00603-000)	SA-240 (UNS 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-MWK-DS00-00603-000)	SB-575 (UNS N06022)	1

NOMINAL LENGTH	NOMINAL DIAMETER	WASTE PACKAGE ASSY	LOADED MASS
208.82 IN	83.70 IN	75,500 LBM	127,800 LBM
5303.9 MM	2126.0 MM	34,200 KG	58,000 KG

00B

NOTES:

1. ALL DIMENSIONS ARE IN INCHES MILLIMETERS IN BRACKETS.
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 NOT INCLUDED. SEE REFERENCE 8.
9. 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. (00B)

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 I OF INTEGRATED INTERFACE CONTROL DOCUMENT. DOE/RW-0511 REV. 03, FIGURES C-8, C-10, C-11 & C-25.
3. SUPPLIER DOCUMENT 005128Q-0052-001-I, PAGE 2, FIGURE 2.
4. 5-DHLW/DOE SNF-LONG CO-DISPOSAL WASTE PACKAGE SKETCH, 000-MWK-DS00-00602-000 THROUGH 000-MWK-DS00-00604-000.
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-I, ENTIRE.
10. YUCCA MOUNTAIN PROJECT CONCEPTUAL DESIGN REPORT, TDR-MGR-MD-000014, REV. 05, TABLE 2-24. (00B)

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

REV	DESCRIPTION	DATE	ORG	CHK	EGS	PE	DEM	QEC
00B	CLARIFIED LOADED MASS INFO PER REFERENCE 10. ADDED NOTE 9. ADDED REFERENCE 10.	5/4/07	SO	MD	JV	N/A	N/A	N/A
00A	INITIAL ISSUE	2/22/07	SO	MD	JV	N/A	N/A	N/A

REVISION HISTORY

APPROVALS	INITIAL/DATE
ORIGINATOR S. OCAMPO	SO 2/22/07
CHECKER M. DURANI	MD 2/22/07
ENGINEERING GROUP SUPERVISOR J. VIGGATO	JV 2/22/07
PROJECT ENGINEER N/A	N/A
DISCIPLINE ENGINEERING MANAGER N/A	N/A
QC CONCURRENCE N/A	N/A

U.S. DEPARTMENT OF ENERGY
Office of Civilian Radioactive Waste Management
BECHTEL SAIC COMPANY, LLC Management and Operation of the Office of Civilian Radioactive Waste Management Program

5-DHLW/DOE SNF - LONG CO-DISPOSAL WASTE PACKAGE SKETCH

SAFETY CLASSIFICATION	DOCUMENT IDENTIFIER:	
ITS & ITWI	000-MWK-DS00-00601-000	
SIZE: D	SCALE: NONE	CAD FILE: 000-MWK-DS00-00600-000.DRW REV: 00B

CAGE CODE:

RECORD DESIGNATOR QA:N/A