

Listing of Computer Files Contained in Enclosure 4 (4 pages)

The files described in the table below, provided on Enclosure 4, are associated with the calculation in Enclosure 2 that supports a revised response to RSI #2-Structural-NP.

Disk ID No. (size)	Discipline	System/ Component	File Series (topics)	Number of files
OSM #1 Portable Hard Drive Enclosure 4	(100 GB) Structural	DSC Shell (EOS01- 0244)	Calculation EOS01-0244_R0\1_Sensitivity Sub-directory Contains two sub-directories (1) Database Input, output, error, and database files creating the refined mesh model (2) IP_Run Input, output, error, results and database files for the mesh sensitivity analysis	10
			Calculation EOS01-0244_R0\2_Database Sub-directory Input, output, error, and database files creating the analysis mesh model	4
			Calculation EOS01-0244_R0\3_BD_VD Sub-directory Input, output, error, results and database files for the blowdown and vacuum drying load case	6
			Calculation EOS01-0244_R0\4_Buckling Sub-directory Input, output, error, results and database files for the buckling load case	6
			Calculation EOS01-0244_R0\5_DWH Sub-directory Contains two sub-directories (1) CASK_DWH Input, output, error, results and database files for the dead weight in cask load case (2) HSM_DWH Input, output, error, results and database files for the dead weight in HSM load case	13
			Calculation EOS01-0244_R0\6_DWV Sub-directory Input, output, error, results and database files for the dead weight in the vertical direction load case	6

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<p>OSM #1 Portable Hard Drive Enclosure 4 (Continued)</p>	<p>(100 GB) Structural</p>	<p>DSC Shell (EOS01- 0244)</p>	<p>Calculation EOS01-0244_R0\7_ED Sub-directory Contains four sub-directories (1) BOT_WITH_IP Input, output, error, results and database files for the bottom end drop with internal pressure load case (2) BOT_WITHOUT_IP Input, output, error, results and database files for the bottom end drop without internal pressure load case (3) TOP_WITH_IP Input, output, error, results and database files for the top end drop with internal pressure load case (4) TOP_WITHOUT_IP Input, output, error, results and database files for the top end drop without internal pressure load case</p>	<p>28</p>
			<p>Calculation EOS01-0244_R0\8_GR_PL Sub-directory Contains three sub-directories (1) Accident Input, output, error, results and database files for the accident grapple pull load case (2) Limit_Load Input, output, error, results and database files for the normal grapple pull load case – limit load analysis (3) Normal Input, output, error, results and database files for the normal grapple pull load case</p>	<p>18</p>
			<p>Calculation EOS01-0244_R0\9_GR_PS Sub-directory Input, output, error, results and database files for the grapple push load cases</p>	<p>7</p>
			<p>Calculation EOS01-0244_R0\10_IP Sub-directory Contains two sub-directories (1) Accident Input, output, error, results and database files for the accident internal pressure load case (2) Normal Input, output, error, results and database files for the normal internal pressure load case</p>	<p>12</p>
			<p>Calculation EOS01-0244_R0\11_LT Sub-directory Input, output, error, results and database files for the fabrication leak test load case</p>	<p>7</p>

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<p>OSM #1 Portable Hard Drive Enclosure 4 (Continued)</p>	<p>(100 GB) Structural</p>	<p>DSC Shell (EOS01- 0244)</p>	<p>Calculation EOS01-0244_R0\12_SD Sub-directory Contains four sub-directories</p> <p>(1) AWAY_WITH_IP Input, output, error, results and database files for the side drop away from the transfer cask rails with internal pressure load case</p> <p>(2) AWAY_WITHOUT_IP Input, output, error, results and database files for the side drop away from the transfer cask rails without internal pressure load case</p> <p>(3) RAIL_WITH_IP Input, output, error, results and database files for the side drop on the transfer cask rails with internal pressure load case</p> <p>(4) RAIL_WITHOUT_IP Input, output, error, results and database files for the side drop on the transfer cask rails without internal pressure load case</p>	<p>28</p>
			<p>Calculation EOS01-0244_R0\13_SEIS_EP Sub-directory Contains two sub-directories</p> <p>(1) Bot Input, output, error, results and database files for the seismic load case – axial acceleration towards the bottom of the DSC</p> <p>(2) Top Input, output, error, results and database files for the seismic load case – axial acceleration towards the top of the DSC</p>	<p>14</p>
			<p>Calculation EOS01-0244_R0\14_THERMAL Sub-directory Contains four sub-directories</p> <p>(1) Case3 (2) Case6 (3) Case7 (4) Case10 Each sub-directory contains input, output, error, results and database files for the thermal stress analysis for load cases 3, 6, 7, and 10, respectively.</p>	<p>36</p>

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<p>OSM #1 Portable Hard Drive Enclosure 4 (Concluded)</p>	<p>(100 GB) Structural</p>	<p>DSC Shell (EOS01- 0244)</p>	<p>Calculation EOS01-0244_R0\15_TR Sub-directory Contains two sub-directories (1) BOT Input, output, error, results and database files for the transfer load case – axial acceleration towards the bottom of the DSC (2) TOP Input, output, error, results and database files for the transfer load case – axial acceleration towards the top of the DSC</p>	<p>14</p>