

Enclosure 10 to E-43624

Listing of Computer Files Contained in  
Enclosure 11

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Disk ID No. (size)	Discipline	System/Component	File Series (topics)	Number of files
OSM#1 Portable Hard Drive  Enclosure 11  Thermal Folder  (9.07 GB)	Thermal	EOS-TC125 loaded with EOS-37PTH DSC	Directory: <u>EOS-Thermal/Thermal-RAI-4-10/LC6a-Transient</u>  ANSYS FLUENT CFD files for the transient thermal model of the EOS-TC125 loaded with the EOS-37PTH DSC with off-normal hot outdoor condition, air circulation on, 50 kW heat load (load case # 6a) for 8 hours	10
			Directory: <u>EOS-Thermal/Thermal-RAI-4-10/LC7-Transient</u>  ANSYS FLUENT CFD files for the transient thermal model of the EOS-TC125 loaded with the EOS-37PTH DSC with off-normal hot outdoor condition, air circulation turned off for DSC offload or air circulation failure during transfer operation, 50 kW heat load (load case # 7) for 6 hours	10
	Thermal	EOS-TC125 and EOS-HSM loaded with EOS-37PTH DSC	Directory: <u>EOS-Thermal/Thermal-RAI-4-14</u>  Excel spreadsheets to compute the discretization errors for the EOS-TC125 loaded with the EOS-37PTH DSC with normal hot indoor condition, steady state, no air circulation, HLZC #3, and for the EOS-HSM loaded with the EOS-37PTH DSC with normal hot condition, HLZC #1	2
	Thermal	EOS-HSM loaded with EOS-37PTH DSC	Directory: <u>EOS-Thermal/Thermal-RAI-4-17</u>  Excel spreadsheets and ANSYS ICEM files to compute the loss coefficients for the inlet/outlet bird screens, dose reduction hardware, inlet vent screen assembly, and DSC support structure	5
	Thermal	EOS-HSM loaded with EOS-37PTH DSC	Directory: <u>EOS-Thermal/Thermal-RAI-4-20</u>  Excel spreadsheet to compute the pressure drop vs. velocity for the dose reduction hardware, inlet vent screen assembly, and DSC support structure	1
	Thermal	HSM-H loaded with 32PTH1 DSC	Directory: <u>EOS-Thermal/Thermal-RAI-4-21/HSMH32kW-B1-RST</u>  ANSYS FLUENT CFD files for the sensitivity analysis of the HSM-H loaded with the 32PTH1 DSC shell with 32 kW with a second-order discretization scheme for density	4
		EOS-HSM loaded with EOS-37PTH DSC	Directory: <u>EOS-Thermal/Thermal-RAI-4-21/EOS-HSM-and-EOS-37PTH</u>  Input and output files for the ANSYS FLUENT CFD model of the EOS-HSM loaded with EOS-37PTH DSC with second-order discretization	6