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10 CFR 50.71(e)
10 CFR 54.37(b)

RA-15-084

October 15, 2015

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555-0001

Oyster Creek Nuclear Generating Station
Renewed Facility Operating License No. DPR-16
Docket No. 50-219

Subject: Updated Final Safety Analysis Report (UFSAR), Revision 19
Fire Hazards Analysis Report (FHAR), Revision 18
UFSAR and FHAR Reference Drawings

In accordance with 10 CFR 50.71(e)(4) and 10CFR50.4(b)(6), enclosed is Revision 19 of the Updated Final Safety Analysis Report (UFSAR) for Oyster Creek Nuclear Generating Station (OCNGS). The enclosed UFSAR Revision 19 is being provided to the NRC in electronic format on CD-ROM and is being submitted in its entirety and constitutes a total replacement copy.

By letter dated July 7, 2004, the NRC granted an exemption for OCNGS permitting UFSAR updates to be submitted up to 12 months after each refueling outage. 10 CFR 50.71(e)(4) requires that the UFSAR update reflect changes made up to a maximum of six months prior to the submittal. UFSAR Revision 19 reflects changes made at OCNGS at least up to June 30, 2015. UFSAR sections revised in this update are delineated by "REV. 19, OCTOBER 2015" in the lower right portion of the section pages, and a vertical bar is located in the right margin of the page, which identifies the specific changes. Attachment 1 to this letter identifies those changes included in Revision 19 of the UFSAR.

Also included is Revision 18 of the Fire Hazards Analysis Report (FHAR) for OCNGS. Revision 18 includes changes to the FHAR, made in accordance with the requirements of License Condition 2.C.(3) of the OCNGS Renewed Facility Operating License No. DPR-16. The enclosed FHAR Revision 18 copy is being provided to the NRC in electronic format (CD-ROM) in its entirety. Attachment 2 to this letter includes a summary of changes made to the FHAR in Revision 18. Revision 18 of the FHAR includes changes made at OCNGS at least up to June 30, 2015.

Also enclosed is a CD-ROM containing copies of controlled drawings currently referenced but not included in the OCNGS UFSAR. This CD also contains the associated drawings for the FHAR. These drawings were current at least up to August 30, 2015.

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The following enclosures contain the CD-ROMs with the updated files for the UFSAR, FHAR, and Reference Drawings in PDF format.

- Enclosure 1 - Oyster Creek UFSAR Revision 19 updated files and Oyster Creek FHAR Revision 18 updated files
- Enclosure 2 - Oyster Creek Reference Drawings files for UFSAR and FHAR

Attachment 3 and Attachment 4 include file directory structure information identifying directory path, filename, and size of the individual files on the enclosed CDs.

In addition, pursuant to the requirements of 10 CFR 54.37(b) and the guidance specified in Regulatory Issue Summary 2007-16, Revision 1, "*Implementation of the Requirements of 10 CFR 54.37(b) for Holders of Renewed Licenses,*" the UFSAR update required by 10 CFR 50.71(e) must include any Structures, Systems, or Components (SSCs) newly identified that would have been subject to an aging management review or evaluation of time-limited aging analyses in accordance with 10 CFR 54.21. The UFSAR update must describe how the licensee will manage the effects of aging in order to effectively maintain the intended function(s) of newly-identified SSCs. An evaluation was completed to determine whether any newly-identified SSCs existed in support of submitting UFSAR Revision 19 and FHAR Revision 18 for OCNGS. This evaluation involved reviewing pertinent documentation for the period subsequent to the last OCNGS biennial UFSAR / FHAR revisions. As a result of this review, there were no newly-identified SSCs for which aging management reviews or time-limited aging analyses would apply.

As required by 10 CFR 50.71(e)(2)(i), I certify that to the best of my knowledge, the information contained in the Enclosures and Attachments to this letter accurately reflect information and analyses submitted to the NRC, or prepared pursuant to NRC requirements as described above.

If you have any questions or require further information, please contact Richard Gropp at (610) 765-5557.

Respectfully,

D. P. Helker

David P. Helker
Manager, Licensing and Regulatory Affairs
Exelon Generation Company, LLC

Enclosures: Enclosure 1 - CD-ROM, OCNGS UFSAR, Revision 19 and FHAR, Revision 18
Enclosure 2 - CD-ROM, UFSAR and FHAR Reference Drawings

Attachments: Attachment 1 – UFSAR Summary of Changes – Revision 19
Attachment 2 - FHAR Summary of Changes – Revision 18
Attachment 3 - Electronic File Directory Structure - UFSAR / FHAR
Attachment 4 - Electronic File Directory Structure - UFSAR / FHAR Drawings

cc:	NRC Regional Administrator - NRC Region I	w/ Enclosures and Attachments
	NRC Senior Resident Inspector - Oyster Creek	"
	NRC Project Manager, NRR - Oyster Creek	"

ATTACHMENT 1

Oyster Creek
UFSAR Summary of Changes – Revision 19

10 CFR 50.71(e)(2)(ii) requires that revisions to the UFSAR include changes made under the provisions of 10 CFR 50.59. Accordingly, the list below identifies plant changes and projects included in Revision 19 of the Updated Final Safety Analysis Report (UFSAR).

Change Number	Revision	Description
UFSAR Change 1469307-14	0	Update UFSAR Chapter 13 to reflect administrative changes for addressing Cyber Security Plan.
UFSAR Change 1469307-18	0	Update UFSAR Chapters 2 and 3 to include clarifying information related to flooding potential and protection.
UFSAR Change 1488125-06	0	Update UFSAR Appendix A (License Renewal) to reflect administrative changes to various sections concerning chemistry guidelines and reference to BWRVIP-190.
UFSAR Change 1558280-04	0	Update UFSAR Chapter 6 to include clarifying information concerning the seismic qualification of the Core Spray system piping.
UFSAR Change 1621526-03	0	Update UFSAR Chapter 9 table to include additional clarifying information related to equipment and floor drainage system components.
UFSAR Change 2519988-02	0	Update UFSAR Chapter 15 to reflect administrative changes related to LOCA analysis and old fuel types.
ECR 11-00027 (UFSAR Change 1126203-08)	0	Update UFSAR Chapter 9 table to include updated information related to the material composition of the Fuel Pool Cooling system heat exchanger tubes.
ECR 12-00304	0	Update UFSAR Chapter 9 to include clarifying information related to Reactor Enclosure ventilation system dampers.
ECR 13-00102 (UFSAR Change 1653626-02)	1	Update UFSAR Chapter 15 to reflect changes made as a result of an update to the LOCA analysis being implemented with Cycle 25.
ECR 13-00304 (UFSAR Change 1469307-06)	2	Update UFSAR Chapter 11 description concerning the removal of a temporary modification to the Drywell Equipment Drain Tank cooling system.
ECR 13-00536 (UFSAR Change 1469307-15)	0	Update UFSAR Chapter 7 to add clarifying information related to the Motor-Generator (MG) set power supplies.
ECR 14-00411 (UFSAR Change 1653626-03)	0	Update UFSAR Chapters 10 and 15 to add clarifying information related to the description of out-of-service equipment in support of the Cycle 25 analysis.
ECR 14-00503	0	Update UFSAR Chapter 10 to address changes in the description related to the volume of the sodium hypochlorite tank.
ECR 15-00023	0	Update UFSAR Chapter 6 to reflect minor changes related to the operation of the Emergency Service Water pumps.
ECR 15-00164	0	Update Chapter 9 to reflect changes associated with the design analysis for the boraflex spent fuel storage racks.

Change Number	Revision	Description
ECR 15-00197	0	Update Chapter 10 to reflect changes associated with the turbine-generator Digital Protection Relay System (DPRS).

ATTACHMENT 2

Oyster Creek
FHAR Summary of Changes - Revision 18

The list below provides a summary of the changes included in Revision 18 of the Oyster Creek Fire Hazards Analysis Report (FHAR).

Items #

1. ECR OC 11-00449-00

   FHAR Section 7.0 on Safe Shutdown Method/Strategy was updated for the following fire areas/zones: DG-FA-15, SGTS-FZ-31, and Buildings (OB-FA-33, AB-FA-34, LL-FA-29, LL-FA-30, LL-FA-32, and PH-FA-25) to indicate that the primary Hot Shutdown (HSD) and Cold Shutdown (CSD) paths utilize EMRV/Core Spray while the existing path is being stipulated as the backup path as well as whether offsite power is available. Updated Section 7 Exemption section with SER dates per Action Tracking Items ATI 1554310-12 for OB-FZ-5, OB-FZ-6A, and OB-FZ-8C. Updated the "Walls" section of OB-FZ-4 to state that the door to corridor TB-FZ-11B is a 3-hour door per Issue Report (IR) 1582464.

2. ECR OC 13-00350-00

   FHAR Section 7 on Fire Protection was updated to reflect that fire detectors in fire zone RB-FZ-1B are now Photoelectric and Thermal type as described in ECR OC 13-00350 and shown on drawing GU 3D-911-02-017.

ATTACHMENT 3

Electronic File Directory Structure - UFSAR / FHAR

ATTACHMENT 3
File Directory Structure
UFSAR / FHAR

Directory Path	File Name (UFSAR / FHAR)	File Size (Bytes)
	UFSAR	
d:\01 UFSAR R19	001 01 Intro and Gen Descrip.pdf	222,503
d:\01 UFSAR R19	002 01 Intro and Gen Descrip Fig.pdf	31,640
d:\01 UFSAR R19	003 02 Site Characteristics.pdf	528,711
d:\01 UFSAR R19	004 02 Site Characteristics App.pdf	7,386,838
d:\01 UFSAR R19	005 02 Site Characteristics Fig.pdf	1,306,635
d:\01 UFSAR R19	006 03 Design, of Struct, Comp, Equip.pdf	872,307
d:\01 UFSAR R19	007 03 Design, of Struct, Comp, Equip App.pdf	5,598,929
d:\01 UFSAR R19	008 03 Design, of Struct, Comp, Equip Fig.pdf	1,987,921
d:\01 UFSAR R19	009 04 Reactor.pdf	311,981
d:\01 UFSAR R19	010 04 Reactor Fig.pdf	665,499
d:\01 UFSAR R19	011 05 RCS and Connected Sys.pdf	239,887
d:\01 UFSAR R19	012 05 RCS and Connected Sys Fig.pdf	119,583
d:\01 UFSAR R19	013 06 Eng Safety Features.pdf	1,135,923
d:\01 UFSAR R19	014 06 Eng Safety Features Fig.pdf	1,025,915
d:\01 UFSAR R19	015 07 Instr and Controls.pdf	444,222
d:\01 UFSAR R19	016 07 Instr and Controls Fig.pdf	412,280
d:\01 UFSAR R19	017 08 Electric Power.pdf	161,588
d:\01 UFSAR R19	018 08 Electric Power Fig.pdf	344,911
d:\01 UFSAR R19	019 09 Auxiliary Systems.pdf	1,039,278
d:\01 UFSAR R19	020 09 Auxiliary Systems Fig.pdf	982,653
d:\01 UFSAR R19	021 10 Steam and Power Conv.pdf	296,579
d:\01 UFSAR R19	022 10 Steam and Power Conv Fig.pdf	54,065
d:\01 UFSAR R19	023 11 Radioactive Waste Mgmt.pdf	689,595
d:\01 UFSAR R19	024 11 Radioactive Waste Mgmt Fig.pdf	46,657
d:\01 UFSAR R19	025 11 SE for LLRW.pdf	3,632,078
d:\01 UFSAR R19	026 12 Radiation Protection.pdf	198,174
d:\01 UFSAR R19	027 12 Radiation Protection Fig.pdf	30,420
d:\01 UFSAR R19	028 13 Conduct of Operations.pdf	102,370
d:\01 UFSAR R19	029 13 Conduct of Operations Fig.pdf	44,436
d:\01 UFSAR R19	030 14 Initial Test Program.pdf	170,918
d:\01 UFSAR R19	031 14 Initial Test Program App.pdf	699,514
d:\01 UFSAR R19	032 15 Accident Analysis.pdf	133,816
d:\01 UFSAR R19	033 15 Accident Analysis App.pdf	495,875
d:\01 UFSAR R19	034 15 Accident Analysis Fig.pdf	816,205
d:\01 UFSAR R19	035 16 Technical Specifications.pdf	60,825
d:\01 UFSAR R19	036 17 Quality Assurance.pdf	63,443
d:\01 UFSAR R19	037 App A FSAR Supplement.pdf	567,558
	FHAR	
d:\02 FHAR R18	01 Fire Hazards Analysis.pdf	899,503

ATTACHMENT 4

Electronic File Directory Structure - UFSAR / FHAR Drawings

ATTACHMENT 4
File Directory Structure
UFSAR / FHAR Drawings

Directory Path	File Name (FHAR / UFSAR)	File Size (Bytes)
	FHAR	
d:\OYS FHAR R18 REF DWGS	GU 3D-911-01-001, Rev 007, FIRE AREA LAYOUT SITE PLAN TOPOGRAPHIC SURVEY.pdf	523,183
d:\OYS FHAR R18 REF DWGS	GU 3D-911-02-001, Rev 007, FIRE AREA LAYOUT TURBINE BLDG BASEMENT FLOOR PLAN.pdf	334,626
d:\OYS FHAR R18 REF DWGS	GU 3D-911-02-002, Rev 005, FIRE AREA LAYOUT TURBINE BLDG BASEMENT FLOOR PLAN.pdf	278,575
d:\OYS FHAR R18 REF DWGS	GU 3D-911-02-003, Rev 007, FIRE AREA LAYOUT TURBINE BLDG MEZZANINE FLOOR.pdf	333,825
d:\OYS FHAR R18 REF DWGS	GU 3D-911-02-004, Rev 003, FIRE AREA LAYOUT TURBINE BLDG MEZZANINE FLOOR.pdf	267,146
d:\OYS FHAR R18 REF DWGS	GU 3D-911-02-005, Rev 5, FIRE AREA LAYOUT TURBINE BLDG OPERATING FLOOR.pdf	342,413
d:\OYS FHAR R18 REF DWGS	GU 3D-911-02-006, Rev 008, FIRE AREA LAYOUT TURBINE BLDG OPERATING FLOOR.pdf	293,660
d:\OYS FHAR R18 REF DWGS	GU 3D-911-02-007, Rev 003, FIRE AREA LAYOUT TURBINE BLDG SECTIONS A-A AND B-B.pdf	400,118
d:\OYS FHAR R18 REF DWGS	GU 3D-911-02-008, Rev 002, FIRE AREA LAYOUT TURBINE BLDG C-C.pdf	1,180,247
d:\OYS FHAR R18 REF DWGS	GU 3D-911-02-009, Rev 003, FIRE AREA LAYOUT TURBINE BLDG E-E AND F-F.pdf	302,461
d:\OYS FHAR R18 REF DWGS	GU 3D-911-02-011, Rev 008, FIRE AREA LAYOUT OFFICE BUILDING THIRD FLOOR.pdf	293,407
d:\OYS FHAR R18 REF DWGS	GU 3D-911-02-012, Rev 007, FIRE AREA LAYOUT EDG VAULTS PLANS SECT DET.pdf	223,042
d:\OYS FHAR R18 REF DWGS	GU 3D-911-02-013, Rev 003, FIRE AREA LAYOUT REACTOR BLDG PLA.pdf	1,137,040
d:\OYS FHAR R18 REF DWGS	GU 3D-911-02-014, Rev 007, FIRE AREA LAYOUT REACTOR BLDG PLAN FLR ELE 23 FT 6 IN.pdf	360,824
d:\OYS FHAR R18 REF DWGS	GU 3D-911-02-015, Rev 009, FIRE AREA LAYOUT REACTOR BLDG PLAN FLR ELE 33 FT 5IN 38 FT.pdf	324,837
d:\OYS FHAR R18 REF DWGS	GU 3D-911-02-016, Rev 005, FIRE AREA LAYOUT REACTOR BLDG PLA.pdf	820,396
d:\OYS FHAR R18 REF DWGS	GU 3D-911-02-017, Rev 005, FIRE AREA LAYOUT REACTOR BLDG PLAN FLOOR ELEVATION 95 FT 3 INCHES.pdf	357,036
d:\OYS FHAR R18 REF DWGS	GU 3D-911-02-018, Rev 004, FIRE AREA LAYOUT REACTOR BLDG PLA.pdf	698,971
d:\OYS FHAR R18 REF DWGS	GU 3D-911-02-019, Rev 002, FIRE AREA LAYOUT REACTOR BLDG SECTION A-A.pdf	300,222
d:\OYS FHAR R18 REF DWGS	GU 3D-911-02-020, Rev 004, FIRE AREA LAYOUT REACTOR BLDG SECTION B-B.pdf	288,031
d:\OYS FHAR R18 REF DWGS	GU 3D-911-02-021, Rev 003, FIRE AREA LAYOUT REACTOR BLDG SECTION C-C.pdf	260,714
d:\OYS FHAR R18 REF DWGS	GU 3D-911-02-022, Rev 004, FIRE AREA LAYOUT OLD RADWASTE BLD.pdf	1,161,783
d:\OYS FHAR R18 REF DWGS	GU 3D-911-02-023, Rev 002, FIRE AREA LAYOUT OLD RADWASTE BLD.pdf	818,602
d:\OYS FHAR R18 REF DWGS	GU 3D-911-02-024, Rev 001, FIRE AREA LAYOUT OLD RADWASTE BLD.pdf	577,664
d:\OYS FHAR R18 REF DWGS	GU 3D-911-02-025, Rev 002, FIRE AREA LAYOUT INTAKE STRUCTURE.pdf	897,417
d:\OYS FHAR R18 REF DWGS	GU 3D-911-02-026, Rev 002, FIRE AREA LAYOUT AUGMENTED OFFGAS.pdf	710,420
d:\OYS FHAR R18 REF DWGS	GU 3D-911-02-027, Rev 001, FIRE AREA LAYOUT AUGMENTED OFFGAS.pdf	653,426
d:\OYS FHAR R18 REF DWGS	GU 3D-911-02-030, Rev 003, FIRE AREA LAYOUT FRESH WATER PUMP.pdf	871,138
d:\OYS FHAR R18 REF DWGS	GU 3D-911-02-031, Rev 002, FIRE AREA LAYOUT NEW RADWASTE BLD.pdf	952,113
d:\OYS FHAR R18 REF DWGS	GU 3D-911-02-032, Rev 002, FIRE AREA LAYOUT NEW RADWASTE BLD.pdf	777,414
d:\OYS FHAR R18 REF DWGS	GU 3D-911-02-033, Rev 004, FIRE AREA LAYOUT NEW RADWASTE BLD.pdf	1,015,080
d:\OYS FHAR R18 REF DWGS	GU 3D-911-02-034, Rev 007, FIRE AREA LAYOUT AUX BOILER HOUSE PLAN AT ELEVATION 23 FT 6 IN AND SEC.pdf	90,006
d:\OYS FHAR R18 REF DWGS	GU 3D-911-02-039, Rev 006, FIRE AREA LAYOUT LEGEND AND NOTES.pdf	57,244
	UFSAR	
d:\OYS FSAR R19 REF DWGS	AM 20451-H, Sheet 1, Rev 014, SPEC SHEET.pdf	213,932
d:\OYS FSAR R19 REF DWGS	AM 20451-H, Sheet 2, Rev 014, 24 GLOBE BODY MSIV WITH CYLINDER OPER.pdf	152,128
d:\OYS FSAR R19 REF DWGS	AM 20451-H, Sheet 3, Rev 015, 24 INCH GLOBE BODY MAIN STEAM .pdf	903,591
d:\OYS FSAR R19 REF DWGS	BR 2002, Sheet 1, Rev 062, MAIN STEAM SYSTEM FLOW DIAGRAM.pdf	60,494
d:\OYS FSAR R19 REF DWGS	BR 2002, Sheet 2, Rev 071, MAIN STEAM SYSTEM FLOW DIAGRAM.pdf	1,308,752

ATTACHMENT 4
File Directory Structure
UFSAR / FHAR Drawings

Directory Path	File Name (FHAR / UFSAR)	File Size (Bytes)
d:\OYS FSAR R19 REF DWGS	BR 2002, Sheet 3, Rev 054, EXTRACTION (BLEED) STEAM SYSTEM F.pdf	775,126
d:\OYS FSAR R19 REF DWGS	BR 2002, Sheet 4, Rev 063, REHEAT STEAM SYSTEM FLOW DIAGRAM.pdf	72,353
d:\OYS FSAR R19 REF DWGS	BR 2003, Sheet 1, Rev 097, CONDENSATE FEED SYSTEM FLOW DIAGRAM.pdf	2,963,565
d:\OYS FSAR R19 REF DWGS	BR 2004, Sheet 1, Rev 110, DEMINERALIZED WATER TRANSFER SYSTEM FLOW DIAGRAM.pdf	4,528,625
d:\OYS FSAR R19 REF DWGS	BR 2004, Sheet 2, Rev 100, CONDENSATE TRANSFER SYSTEM FLOW DIAGRAM.pdf	489,914
d:\OYS FSAR R19 REF DWGS	BR 2005, Sheet 1, Rev 043, VACUUM PRIMING SYSTEM FLOW DIAGRA.pdf	574,988
d:\OYS FSAR R19 REF DWGS	BR 2005, Sheet 2, Rev 109, REACTOR AND TURBINE BUILDING SERVICE WATER SYSTEM FLOW DIAGRAM.pdf	1,243,667
d:\OYS FSAR R19 REF DWGS	BR 2005, Sheet 3, Rev 061, NEW RADWASTE SERVICE WATER SYSTEM FLOW DIAGRAM.pdf	1,329,261
d:\OYS FSAR R19 REF DWGS	BR 2005, Sheet 4, Rev 086, EMERGENCY SERVICE WATER SYSTEM FLOW DIAGRAM.pdf	74,919
d:\OYS FSAR R19 REF DWGS	BR 2005, Sheet 5, Rev 060, SCREEN WASH SYSTEM FLOW DIAGRAM.pdf	364,811
d:\OYS FSAR R19 REF DWGS	BR 2005, Sheet 6, Rev 066, CIRCULATING WATER SYSTEM FLOW DIAGRAM.pdf	76,355
d:\OYS FSAR R19 REF DWGS	BR 2006, Sheet 1, Rev 079, REACTOR BLDG CLOSED COOLING WATER SYSTEM FLOW.pdf	83,203
d:\OYS FSAR R19 REF DWGS	BR 2006, Sheet 2, Rev 044, REACTOR BLDG CLOSED COOLING WATER.pdf	455,111
d:\OYS FSAR R19 REF DWGS	BR 2006, Sheet 3, Rev 058, REACTOR BLDG CLOSED COOLING WATER SYSTEM FLOW.pdf	66,361
d:\OYS FSAR R19 REF DWGS	BR 2006, Sheet 4, Rev 065, TURBINE BLDG CLOSED COOLING WATER SYS FLOW DIAG.pdf	316,323
d:\OYS FSAR R19 REF DWGS	BR 2006, Sheet 5, Rev 059, TURBINE BUILDING CLOSED COOLING WATER SYSTEM FLOW DIAGRAM.pdf	1,346,076
d:\OYS FSAR R19 REF DWGS	BR 2006, Sheet 6, Rev 050, RADWASTE CLOSED COOLING WATER SYS.pdf	564,964
d:\OYS FSAR R19 REF DWGS	BR 2006, Sheet 7, Rev 051, RADWASTE CLOSED COOLING WATER SYSTEM FLOW DIA.pdf	84,215
d:\OYS FSAR R19 REF DWGS	BR 2006, Sheet 8, Rev 052, AUGMENTED OFFGAS CLOSED COOLING WATER SYSTEM.pdf	80,441
d:\OYS FSAR R19 REF DWGS	BR 2007, Sheet 1, Rev 029, HEATER DRAIN VENT AND PRES RELIEF SYS FLOW DIAG.pdf	401,549
d:\OYS FSAR R19 REF DWGS	BR 2007, Sheet 2, Rev 037, HEATER DRAIN VENT AND PRESSURE RELIEF SYSTEMS FLOW DIAGRAM.pdf	1,999,737
d:\OYS FSAR R19 REF DWGS	BR 2007, Sheet 3, Rev 038, HEATER DRAIN VENT AND PRESSURE RELIEF SYSTEM FLOW DIAGRAM.pdf	1,344,606
d:\OYS FSAR R19 REF DWGS	BR 2007, Sheet 4, Rev 025, HEATER DRAIN VENT AND PRES RELIEF SYS FLOW DIAG.pdf	336,675
d:\OYS FSAR R19 REF DWGS	BR 2008, Sheet 1, Rev 042, AIR EXTRACTION AND OFFGAS SYSTEM FLOW DIAGRAM.pdf	1,371,872
d:\OYS FSAR R19 REF DWGS	BR 2008, Sheet 2, Rev 038, AIR EXTRACTION AND OFFGAS SYSTEM .pdf	539,092
d:\OYS FSAR R19 REF DWGS	BR 2009, Sheet 1, Rev 050, TURBINE BUILDING H AND V FLOW DIAGRAM.pdf	2,158,055
d:\OYS FSAR R19 REF DWGS	BR 2009, Sheet 2, Rev 039, H AND V MAIN STACK FLOW DIAGRAM.pdf	786,202
d:\OYS FSAR R19 REF DWGS	BR 2009, Sheet 3, Rev 027, MACHINE SHOP AND STORAGE BLDG HV .pdf	609,990
d:\OYS FSAR R19 REF DWGS	BR 2010, Sheet 1, Rev 029, OFFICE BLDG CHEMISTRY LABS FLOW D.pdf	649,259
d:\OYS FSAR R19 REF DWGS	BR 2010, Sheet 2, Rev 021, OFFICE BLDG HVAC SOUTH END FLOW D.pdf	816,593
d:\OYS FSAR R19 REF DWGS	BR 2010, Sheet 3, Rev 023, OFFICE BLDG HVAC (480V SWITCHGEAR.pdf	465,869
d:\OYS FSAR R19 REF DWGS	BR 2010, Sheet 4, Rev 032, CONTROL AND CABLE SPREADING ROOMS HVAC FLOW.pdf	49,991
d:\OYS FSAR R19 REF DWGS	BR 2010, Sheet 5, Rev 023, BATTERY AND MOTOR GENERATOR SET R.pdf	477,355
d:\OYS FSAR R19 REF DWGS	BR 2011, Sheet 1, Rev 041, DRYWELL COOLING SYSTEM FLOW DIAGR.pdf	656,122
d:\OYS FSAR R19 REF DWGS	BR 2011, Sheet 2, Rev 063, REACTOR BUILDING VENTILATION FLOW DIAGRAM.pdf	3,077,353
d:\OYS FSAR R19 REF DWGS	BR 2011, Sheet 3, Rev 047, REACTOR BLDG VENTILATION FLOW DIA.pdf	706,274
d:\OYS FSAR R19 REF DWGS	BR 2012, Sheet 1, Rev 014, OLD RADWASTE BLDG HV FLOW DIAGRAM.pdf	1,013,960
d:\OYS FSAR R19 REF DWGS	BR 2013, Sheet 1, Rev 076, SERVICE AIR SYSTEM FLOW DIAGRAM (tif).pdf	642,315
d:\OYS FSAR R19 REF DWGS	BR 2013, Sheet 1, Rev 076, SERVICE AIR SYSTEM FLOW DIAGRAM.pdf	644,138
d:\OYS FSAR R19 REF DWGS	BR 2013, Sheet 10, Rev 055, INSTRUMENT (CONTROL) AIR SYSTEM (FLUID DETAIL.pdf	106,985

ATTACHMENT 4
File Directory Structure
UFSAR / FHAR Drawings

Directory Path	File Name (FHAR / UFSAR)	File Size (Bytes)
d:\OYS FSAR R19 REF DWGS	BR 2013, Sheet 2, Rev 082, SERVICE AIR SYSTEM FLOW DIAGRAM (tif).pdf	1,034,496
d:\OYS FSAR R19 REF DWGS	BR 2013, Sheet 2, Rev 082, SERVICE AIR SYSTEM FLOW DIAGRAM.pdf	1,036,987
d:\OYS FSAR R19 REF DWGS	BR 2013, Sheet 3, Rev 070, INSTRUMENT (CONTROL) AIR SYSTEM FLOW DIAGRAM.pdf	120,303
d:\OYS FSAR R19 REF DWGS	BR 2013, Sheet 5, Rev 070, INSTRUMENT (CONTROL) AIR SYSTEM FLOW DIAGRAM.pdf	105,356
d:\OYS FSAR R19 REF DWGS	BR 2013, Sheet 6, Rev 087, INSTRUMENT CONTROL AIR SYSTEM FLOW DIAGRAM.pdf	1,406,820
d:\OYS FSAR R19 REF DWGS	BR 2013, Sheet 7, Rev 068, INSTRUMENT CONTROL AIR SYSTEM FLOW DIAGRAM.pdf	73,835
d:\OYS FSAR R19 REF DWGS	BR 2013, Sheet 8, Rev 068, INSTRUMENT CONTROL AIR SYSTEM FLOW DIAGRAM.pdf	751,829
d:\OYS FSAR R19 REF DWGS	BR 2013, Sheet 9, Rev 058, INSTRUMENT (CONTROL) AIR SYSTEM (FLUID DETAIL.pdf	39,614
d:\OYS FSAR R19 REF DWGS	BR 2014, Sheet 1, Rev 032, TURBINE LUBE OIL SYSTEM FLOW DIAGRAM.pdf	189,247
d:\OYS FSAR R19 REF DWGS	BR 2192, Sheet 1, Rev 012, COMPOSITE YARD PIPING KEY PLAN.pdf	1,255,672
d:\OYS FSAR R19 REF DWGS	BR 2192, Sheet 2, Rev 000, COMPOSITE YARD PIPING KEY PLAN.pdf	546,903
d:\OYS FSAR R19 REF DWGS	BR 3001, Sheet 1, Rev 017, PLANT ELECT GENERATION MAIN ONE LINE DIAGRAM.pdf	518,506
d:\OYS FSAR R19 REF DWGS	BR 3001, Sheet 2, Rev 004, EMERGENCY POWER SYSTEM ONE LINE D.pdf	631,867
d:\OYS FSAR R19 REF DWGS	BR 3002, Sheet 1, Rev 014, 480V SYSTEM ONE LINE DIAGRAM 460V UNIT SUBSTA.pdf	804,772
d:\OYS FSAR R19 REF DWGS	BR 3002, Sheet 2, Rev 013, 480V SYSTEM ONE LINE DIAGRAM 460V UNIT SUBSTA.pdf	511,228
d:\OYS FSAR R19 REF DWGS	BR 3002, Sheet 3, Rev 010, 480V SYSTEM ONE LINE DIAGRAM 460V UNIT SUBSTA.pdf	41,157
d:\OYS FSAR R19 REF DWGS	BR 3002, Sheet 4, Rev 014, 480V JCPL NON VITAL POWER ONE LINE DIAGRAM 46.pdf	44,917
d:\OYS FSAR R19 REF DWGS	BR 3013, Sheet 1, Rev 014, AC VITAL POWER SYSTEM ONE LINE DIAGRAM VITAL.pdf	74,105
d:\OYS FSAR R19 REF DWGS	BR 3028, Sheet 1, Rev 021, 125V STATION DC SYSTEM ONE LINE DIAGRAM 125V.pdf	1,242,351
d:\OYS FSAR R19 REF DWGS	BR 3028, Sheet 2, Rev 008, 24V STATION DC SYSTEM ONE LINE DIAGRAM BATTER.pdf	606,295
d:\OYS FSAR R19 REF DWGS	BR 4006, Sheet 1, Rev 002, INTAKE AND TURBINE AREA EXCAVATIO.pdf	655,859
d:\OYS FSAR R19 REF DWGS	BR M0012, Sheet 1, Rev 042, POST ACCIDENT SAMPLING FLOW DIAGRAM.pdf	102,515
d:\OYS FSAR R19 REF DWGS	BR M611, Sheet 1, Rev 035, NEW RADWASTE BLDG HVAC FLOW DIAGRAM.pdf	679,346
d:\OYS FSAR R19 REF DWGS	BR M611, Sheet 2, Rev 028, HEATING BOILER HOUSE HV FLOW DIAG.pdf	480,060
d:\OYS FSAR R19 REF DWGS	EB D-3033, Rev 032, 125V STATION DC SYSTEM ONE LINE DIAGRAM 125V DC DIST (tif).pdf	63,091
d:\OYS FSAR R19 REF DWGS	GE 107C5339, Sheet 1, Rev 021, RECIRCULATION PUMPS AND M_G SET FLOW DIAG.pdf	75,237
d:\OYS FSAR R19 REF DWGS	GE 148F262, Sheet 1, Rev 055, EMERGENCY CONDENSER FLOW DIAGRAM.pdf	92,940
d:\OYS FSAR R19 REF DWGS	GE 148F437, Sheet 1, Rev 055, LIQUID RADWASTE COLLECTION AND PROCESSING.pdf	1,517,315
d:\OYS FSAR R19 REF DWGS	GE 148F437, Sheet 10, Rev 037, LIQUID RADWASTE COLLECTION AND PROCESSING.pdf	109,369
d:\OYS FSAR R19 REF DWGS	GE 148F437, Sheet 11, Rev 037, LIQUID RADWASTE COLLECTION AND PROCESSING.pdf	64,167
d:\OYS FSAR R19 REF DWGS	GE 148F437, Sheet 12, Rev 038, RADIOACTIVE WASTE PROCESSING .pdf	553,941
d:\OYS FSAR R19 REF DWGS	GE 148F437, Sheet 13, Rev 040, RADIOACTIVE WASTE PROCESSING .pdf	477,392
d:\OYS FSAR R19 REF DWGS	GE 148F437, Sheet 14, Rev 058, SOLID RADIOACTIVE WASTE PROCESSING FLOW D.pdf	1,434,343
d:\OYS FSAR R19 REF DWGS	GE 148F437, Sheet 15, Rev 043, SOLID RADIOACTIVE WASTE PROCESSING FLOW.pdf	60,237
d:\OYS FSAR R19 REF DWGS	GE 148F437, Sheet 16, Rev 035, OBSOLETE SOLID RADIOACTIVE WASTE PROCESS.pdf	40,465
d:\OYS FSAR R19 REF DWGS	GE 148F437, Sheet 17, Rev 039, LIQUID RADWASTE COLLECTION AND PROCESSING FLOW DIAGRAM.pdf	371,043
d:\OYS FSAR R19 REF DWGS	GE 148F437, Sheet 18, Rev 036, SOLID RADIOACTIVE WASTE PROCE.pdf	668,803
d:\OYS FSAR R19 REF DWGS	GE 148F437, Sheet 2, Rev 041, LIQUID RADWASTE COLLECTION AND PROCESSING.pdf	42,715
d:\OYS FSAR R19 REF DWGS	GE 148F437, Sheet 3, Rev 046, LIQUID RADIOACTIVE WATER COLLECTION.pdf	592,249
d:\OYS FSAR R19 REF DWGS	GE 148F437, Sheet 4, Rev 055, LIQUID RADWASTE COLLECTION AND PROCESSING.pdf	73,269

ATTACHMENT 4
File Directory Structure
UFSAR / FHAR Drawings

Directory Path	File Name (FHAR / UFSAR)	File Size (Bytes)
d:\OYS FSAR R19 REF DWGS	GE 148F437, Sheet 5, Rev 046, LIQUID RADWASTE COLLECTION AND.pdf	85,561
d:\OYS FSAR R19 REF DWGS	GE 148F437, Sheet 6, Rev 040, LIQUID RADIOACTIVE WASTE COLLECTION AND PR.pdf	485,864
d:\OYS FSAR R19 REF DWGS	GE 148F444, Sheet 1, Rev 104, CLEAN-UP DEMINERALIZER SYSTEM FLOW DIAGRAM.pdf	2,109,189
d:\OYS FSAR R19 REF DWGS	GE 148F711, Sheet 1, Rev 045, REACTOR SHUTDOWN COOLING SYSTEM FLOW DIAGR.pdf	647,685
d:\OYS FSAR R19 REF DWGS	GE 148F723, Sheet 1, Rev 040, LIQUID POISON SYSTEM FLOW DIAGRAM.pdf	68,381
d:\OYS FSAR R19 REF DWGS	GE 148F740, Sheet 1, Rev 044, CONTAINMENT SPRAY SYSTEM FLOW DIAGRAM.pdf	72,918
d:\OYS FSAR R19 REF DWGS	GE 197E871, Sheet 1, Rev 030, SCRAM DISCHARGE VOLUME SYS CONTROL ROD DRI.pdf	85,339
d:\OYS FSAR R19 REF DWGS	GE 234R166, Sheet 1, Rev 025, GENERATOR STATOR COOLING SYSTE.pdf	707,226
d:\OYS FSAR R19 REF DWGS	GE 237E487, Sheet 1, Rev 070, CONTROL ROD DRIVE SYSTEM FLOW DIAGRAM.pdf	575,223
d:\OYS FSAR R19 REF DWGS	GE 237E516, Sheet 1, Rev 008, ARRANGEMENT OF FUEL STORAGE PO.pdf	2,026,091
d:\OYS FSAR R19 REF DWGS	GE 237E516, Sheet 2, Rev 007, WALL MOUNT DETAIL FUEL STORAGE.pdf	1,033,848
d:\OYS FSAR R19 REF DWGS	GE 237E516, Sheet 3, Rev 005, ARRANGEMENT OF FUEL STORAGE PO.pdf	1,134,080
d:\OYS FSAR R19 REF DWGS	GE 237E516, Sheet 4, Rev 003, ARRANGEMENT OF FUEL STORAGE PO.pdf	810,337
d:\OYS FSAR R19 REF DWGS	GE 237E566, Sheet 1, Rev 045, REACTOR PROTECTION SYSTEM ELECTRICAL ELEME.pdf	693,759
d:\OYS FSAR R19 REF DWGS	GE 237E566, Sheet 10, Rev 004, REACTOR PROTECTION SYSTEM ELECTRICAL ELEM.pdf	72,647
d:\OYS FSAR R19 REF DWGS	GE 237E566, Sheet 11, Rev 009, RX PROTECTION SYS ELECT ELEM DIAG.pdf	344,807
d:\OYS FSAR R19 REF DWGS	GE 237E566, Sheet 12, Rev 006, RX PROTECTION SYS ELECT ELEM.pdf	871,773
d:\OYS FSAR R19 REF DWGS	GE 237E566, Sheet 13, Rev 008, RX PROTECTION SYS ELECT ELEM DIAG.pdf	293,054
d:\OYS FSAR R19 REF DWGS	GE 237E566, Sheet 14, Rev 011, RX PROTECTION SYS ELECT ELEM DIAG.pdf	358,257
d:\OYS FSAR R19 REF DWGS	GE 237E566, Sheet 15, Rev 007, REACTOR PROTECTION SYSTEM ELE.pdf	635,471
d:\OYS FSAR R19 REF DWGS	GE 237E566, Sheet 16, Rev 002, REACTOR PROTECTION SYSTEM ELE.pdf	771,092
d:\OYS FSAR R19 REF DWGS	GE 237E566, Sheet 17, Rev 003, REACTOR PROTECTION SYSTEM ELE.pdf	717,554
d:\OYS FSAR R19 REF DWGS	GE 237E566, Sheet 18, Rev 004, REACTOR PROTECTION SYSTEM ELECTRICAL ELEM.pdf	57,157
d:\OYS FSAR R19 REF DWGS	GE 237E566, Sheet 19, Rev 002, REACTOR PROTECTION SYSTEM ELE.pdf	648,396
d:\OYS FSAR R19 REF DWGS	GE 237E566, Sheet 2, Rev 046, REACTOR PROTECTION SYS ELECT ELEM DIAG CHANNEL.pdf	426,444
d:\OYS FSAR R19 REF DWGS	GE 237E566, Sheet 20, Rev 003, REACTOR PROTECTION SYSTEM ELE.pdf	491,326
d:\OYS FSAR R19 REF DWGS	GE 237E566, Sheet 3, Rev 015, REACTOR PROTECTION SYSTEM ELECTRICAL ELEME.pdf	86,760
d:\OYS FSAR R19 REF DWGS	GE 237E566, Sheet 4, Rev 027, REACTOR PROTECTION SYSTEM ELECTRICAL ELEME.pdf	794,543
d:\OYS FSAR R19 REF DWGS	GE 237E566, Sheet 5, Rev 047, REACTOR PROTECTION SYSTEM ELECTRICAL ELEM.pdf	70,397
d:\OYS FSAR R19 REF DWGS	GE 237E566, Sheet 6, Rev 040, RX PROTECTION SYS ELEC ELEM DIAG CHANNEL 2.pdf	439,109
d:\OYS FSAR R19 REF DWGS	GE 237E566, Sheet 7, Rev 012, REACTOR PROTECTION SYSTEM ELECTRICAL ELEME.pdf	598,859
d:\OYS FSAR R19 REF DWGS	GE 237E566, Sheet 8, Rev 005, REACTOR PROTECTION SYSTEM ELECTRICAL ELEME.pdf	83,957
d:\OYS FSAR R19 REF DWGS	GE 237E566, Sheet 9, Rev 006, REACTOR PROTECTION SYSTEM ELECTRICAL ELEME.pdf	630,488
d:\OYS FSAR R19 REF DWGS	GE 237E726, Sheet 1, Rev 075, DRYWELL AND SUPPRESSION SYSTEM FLOW DIAGRAM.pdf	563,990
d:\OYS FSAR R19 REF DWGS	GE 237E726, Sheet 1, Rev 076, DRYWELL AND SUPPRESSION SYSTEM FLOW DIAGRA.pdf	69,758
d:\OYS FSAR R19 REF DWGS	GE 237E756, Sheet 1, Rev 057, SPENT FUEL POOL COOLING FLOW DIAGRAM.pdf	1,922,725
d:\OYS FSAR R19 REF DWGS	GE 237E798, Sheet 1, Rev 037, RECIRCULATION SYSTEM FLOW DIAGRAM.pdf	985,428
d:\OYS FSAR R19 REF DWGS	GE 237E901, Sheet 1, Rev 035, CONTAINMENT SPRAY LOGIC ELECTRICAL ELEMENT.pdf	80,545
d:\OYS FSAR R19 REF DWGS	GE 237E901, Sheet 2, Rev 021, CONTAINMENT SPRAY LOGIC ELECTRICAL ELEMENT.pdf	629,767
d:\OYS FSAR R19 REF DWGS	GE 237E912, Sheet 1, Rev 034, REACTOR MANUAL CONTROL SYSTEM .pdf	827,004

ATTACHMENT 4
File Directory Structure
UFSAR / FHAR Drawings

Directory Path	File Name (FHAR / UFSAR)	File Size (Bytes)
d:\OYS FSAR R19 REF DWGS	GE 237E912, Sheet 2, Rev 019, REACTOR MANUAL CONTROL SYSTEM.pdf	721,166
d:\OYS FSAR R19 REF DWGS	GE 237E912, Sheet 3, Rev 003, REACTOR MANUAL CONTROL SYSTEM .pdf	638,123
d:\OYS FSAR R19 REF DWGS	GE 237E912, Sheet 4, Rev 001, REACTOR MANUAL CONTROL SYSTEM .pdf	618,108
d:\OYS FSAR R19 REF DWGS	GE 237E912, Sheet 5, Rev 000, REACTOR MANUAL CONTROL SYSTEM .pdf	732,353
d:\OYS FSAR R19 REF DWGS	GE 237E912, Sheet 6, Rev 002, REACTOR MANUAL CONTROL SYSTEM .pdf	634,485
d:\OYS FSAR R19 REF DWGS	GE 237E912, Sheet 7, Rev 000, REACTOR MANUAL CONTROL SYSTEM .pdf	635,062
d:\OYS FSAR R19 REF DWGS	GE 237E912, Sheet 8, Rev 004, REACTOR MANUAL CONTROL SYSTEM .pdf	523,054
d:\OYS FSAR R19 REF DWGS	GE 706E206, Sheet 1, Rev 000, ARRANGEMENT OF DRYWELL EQUIPME.pdf	2,134,228
d:\OYS FSAR R19 REF DWGS	GE 706E206, Sheet 2, Rev 001, ARRANGEMENT OF DRYWELL EQUIPME.pdf	769,284
d:\OYS FSAR R19 REF DWGS	GE 706E206, Sheet 3, Rev 001, ARRANGEMENT OF DRYWELL EQUIPME.pdf	905,311
d:\OYS FSAR R19 REF DWGS	GE 718E644, Sheet 2, Rev 018, CORE SPRAY SYSTEM ELECTRICAL E.pdf	568,890
d:\OYS FSAR R19 REF DWGS	GE 729E182, Sheet 1, Rev 035, AUTO DEPRESSURIZATION SYS ELECTRICAL ELEME.pdf	124,101
d:\OYS FSAR R19 REF DWGS	GE 729E182, Sheet 2, Rev 021, AUTO DEPRESSURIZATION SYS ELECTRICAL ELEME.pdf	133,156
d:\OYS FSAR R19 REF DWGS	GE 729E182, Sheet 3, Rev 021, AUTO DEPRESSURIZATION SYS ELECTRICAL ELEME.pdf	82,330
d:\OYS FSAR R19 REF DWGS	GE 729E182, Sheet 4, Rev 004, AUTO DEPRESSURIZATION SYS ELECTRICAL ELEME.pdf	77,167
d:\OYS FSAR R19 REF DWGS	GE 729E182, Sheet 5, Rev 004, AUTO DEPRESSURIZATION SYS ELECTRICAL ELEME.pdf	73,618
d:\OYS FSAR R19 REF DWGS	GE 798D807, Sheet 1, Rev 002, PLANT HEAT BALANCE.pdf	825,972
d:\OYS FSAR R19 REF DWGS	GE 846D640, Sheet 1, Rev 000, HEAT BALANCE 3 HEATER 670 MW.pdf	923,055
d:\OYS FSAR R19 REF DWGS	GE 846D686, Sheet 1, Rev 021, PROCESS RADIATION MONITOR SYSTEM.pdf	621,615
d:\OYS FSAR R19 REF DWGS	GE 846D686, Sheet 2, Rev 005, PROCESS RADIATION MONITOR SYSTEM.pdf	413,699
d:\OYS FSAR R19 REF DWGS	GE 885D781, Sheet 1, Rev 074, CORE SPRAY SYSTEM FLOW DIAGRAM.pdf	1,896,007
d:\OYS FSAR R19 REF DWGS	GF JCP-19431, Sheet 1, Rev 002, SYMBOLS AND LEGEND FOR INSER.pdf	757,951
d:\OYS FSAR R19 REF DWGS	GU 3C-SKS-110, Rev 001, ISFSI SPENT FUEL CASK SAFE LOAD PATH.pdf	562,364
d:\OYS FSAR R19 REF DWGS	GU 3D-151-07-001, Sheet 1, Rev 003, GENERAL ARRANGEMENT FLOOR AND EQUIPM.pdf	61,295
d:\OYS FSAR R19 REF DWGS	GU 3D-151-07-001, Sheet 2, Rev 002, GENERAL ARRANGEMENT FLOO.pdf	692,351
d:\OYS FSAR R19 REF DWGS	GU 3D-153-07-001, Sheet 1, Rev 000, GENERAL ARRANGEMENT FLOO.pdf	678,968
d:\OYS FSAR R19 REF DWGS	GU 3D-153-07-001, Sheet 2, Rev 000, GENERAL ARRANGEMENT FLOO.pdf	769,152
d:\OYS FSAR R19 REF DWGS	GU 3D-154-07-001, Rev 000, GENERAL ARRANGEMENT FLOOR AND EQU.pdf	689,237
d:\OYS FSAR R19 REF DWGS	GU 3D-155-07-001, Rev 000, GENERAL ARRANGEMENT FLOOR AND EQU.pdf	863,832
d:\OYS FSAR R19 REF DWGS	GU 3D-576-07-001, Rev 000, GENERAL ARRANGEMENT ROOF DRAINS A.pdf	680,319
d:\OYS FSAR R19 REF DWGS	GU 3E-151-02-001, Rev 013, GENERAL ARRANGEMENT TURBINE BLDG PLAN FLOOR.pdf	122,179
d:\OYS FSAR R19 REF DWGS	GU 3E-151-02-003, Rev 011, GENERAL ARRANGEMENT TURBINE BLDG.pdf	989,769
d:\OYS FSAR R19 REF DWGS	GU 3E-151-02-005, Rev 013, GEN ARRANGEMENT TURB BLDG PLAN FLR ELE 46FT-6IN.pdf	493,936
d:\OYS FSAR R19 REF DWGS	GU 3E-151-02-006, Rev 007, GENERAL ARRANGEMENT TURBINE BLDG .pdf	900,569
d:\OYS FSAR R19 REF DWGS	GU 3E-151-02-007, Rev 005, GENERAL ARRANGEMENT TURBINE BLDG .pdf	821,510
d:\OYS FSAR R19 REF DWGS	GU 3E-151-02-008, Rev 007, GENERAL ARRANGEMENT TURBINE BLDG .pdf	763,359
d:\OYS FSAR R19 REF DWGS	GU 3E-151-02-009, Rev 004, GENERAL ARRANGEMENT TURBINE BLDG .pdf	617,067
d:\OYS FSAR R19 REF DWGS	GU 3E-153-02-001, Rev 008, GENERAL ARRANGEMENT REACTOR BLDG.pdf	844,763
d:\OYS FSAR R19 REF DWGS	GU 3E-153-02-002, Rev 015, GENERAL ARRANGEMENT REACTOR BLDG PLAN FLOOR.pdf	636,190
d:\OYS FSAR R19 REF DWGS	GU 3E-153-02-003, Rev 007, GENERAL ARRANGEMENT REACTOR BLDG .pdf	913,492

ATTACHMENT 4
File Directory Structure
UFSAR / FHAR Drawings

Directory Path	File Name (FHAR / UFSAR)	File Size (Bytes)
d:\OYS FSAR R19 REF DWGS	GU 3E-153-02-004, Rev 009, GENERAL ARRANGEMENT REACTOR BLDG .pdf	627,402
d:\OYS FSAR R19 REF DWGS	GU 3E-153-02-005, Rev 008, GENERAL ARRANGEMENT REACTOR BLDG PLAN FLOOR.pdf	436,238
d:\OYS FSAR R19 REF DWGS	GU 3E-153-02-006, Rev 007, GENERAL ARRANGEMENT REACTOR BLDG .pdf	613,784
d:\OYS FSAR R19 REF DWGS	GU 3E-153-02-007, Rev 004, GENERAL ARRANGEMENT REACTOR BLDG .pdf	832,698
d:\OYS FSAR R19 REF DWGS	GU 3E-153-02-008, Rev 003, GENERAL ARRANGEMENT REACTOR BLDG .pdf	717,142
d:\OYS FSAR R19 REF DWGS	GU 3E-153-02-009, Rev 004, GENERAL ARRANGEMENT REACTOR BLDG .pdf	789,185
d:\OYS FSAR R19 REF DWGS	GU 3E-154-02-001, Rev 008, GENERAL ARRANGEMENT OLD RADWASTE .pdf	984,018
d:\OYS FSAR R19 REF DWGS	GU 3E-154-02-002, Rev 005, GENERAL ARRANGEMENT OLD RADWASTE .pdf	504,708
d:\OYS FSAR R19 REF DWGS	GU 3E-154-02-003, Rev 004, GENERAL ARRANGEMENT OLD RADWASTE .pdf	625,765
d:\OYS FSAR R19 REF DWGS	GU 3E-155-02-001, Rev 009, GENERAL ARRANGEMENT NEW RADWASTE BLDG PLAN FL.pdf	67,944
d:\OYS FSAR R19 REF DWGS	GU 3E-155-02-002, Rev 005, GENERAL ARRANGEMENT NEW RADWASTE .pdf	682,038
d:\OYS FSAR R19 REF DWGS	GU 3E-155-02-003, Rev 7, GENERAL ARRANGEMENT NEW RADWASTE.pdf	856,396
d:\OYS FSAR R19 REF DWGS	GU 3E-155-02-004, Rev 005, GENERAL ARRANGEMENT NEW RADWASTE .pdf	703,608
d:\OYS FSAR R19 REF DWGS	GU 3E-155-02-005, Rev 005, GENERAL ARRANGEMENT NEW RADWASTE .pdf	815,077
d:\OYS FSAR R19 REF DWGS	GU 3E-156-02-001, Rev 005, GENERAL ARRANGEMENT OFFICE BLDG P.pdf	729,459
d:\OYS FSAR R19 REF DWGS	GU 3E-156-02-002, Rev 004, GENERAL ARRANGEMENT OFFICE BLDG P.pdf	734,633
d:\OYS FSAR R19 REF DWGS	GU 3E-157-02-001, Rev 004, GENERAL ARRANGEMENT DIESEL GENERA.pdf	531,604
d:\OYS FSAR R19 REF DWGS	GU 3E-158-02-001, Rev 010, GENERAL ARRANGEMENT HEATING BOILER HOUSE PLAN.pdf	69,470
d:\OYS FSAR R19 REF DWGS	GU 3E-162-02-001, Rev 004, GENERAL ARRANGEMENT MAINTENANCE B.pdf	684,422
d:\OYS FSAR R19 REF DWGS	GU 3E-162-02-002, Rev 003, GENERAL ARRANGEMENT MAINTENANCE B.pdf	467,260
d:\OYS FSAR R19 REF DWGS	GU 3E-162-02-003, Rev 005, GENERAL ARRANGEMENT MAINTENANCE B.pdf	529,715
d:\OYS FSAR R19 REF DWGS	GU 3E-167-02-001, Rev 007, GENERAL ARRANGEMENT PRETREATMENT .pdf	528,782
d:\OYS FSAR R19 REF DWGS	GU 3E-168-02-001, Rev 010, GENERAL ARRANGEMENT INTAKE STRUCT.pdf	730,267
d:\OYS FSAR R19 REF DWGS	GU 3E-169-02-001, Rev 008, GENERAL ARRANGEMENT CHLORINATION .pdf	537,770
d:\OYS FSAR R19 REF DWGS	GU 3E-170-02-001, Rev 008, GENERAL ARRANGEMENT DILUTION PUMPHOUSE PLAN A.pdf	628,278
d:\OYS FSAR R19 REF DWGS	GU 3E-175-02-001, Rev 005, GENERAL ARRANGEMENT AUGMENTED OFF.pdf	670,253
d:\OYS FSAR R19 REF DWGS	GU 3E-175-02-002, Rev 003, GENERAL ARRANGEMENT AUGMENTED OFF.pdf	565,008
d:\OYS FSAR R19 REF DWGS	GU 3E-176-02-001, Rev 006, GENERAL ARRANGEMENT FRESH WATER P.pdf	632,725
d:\OYS FSAR R19 REF DWGS	GU 3E-185-02-001, Rev 002, GENERAL ARRANGEMENT NEW SAMPLE PU.pdf	582,621
d:\OYS FSAR R19 REF DWGS	GU 3E-186-02-001, Rev 003, GENERAL ARRANGEMENT MACHINE SHOP .pdf	629,543
d:\OYS FSAR R19 REF DWGS	GU 3E-661-21-1000, Sheet 1, Rev 012, RADIATION MONITORING SYSTEM RAGEMS.pdf	1,212,220
d:\OYS FSAR R19 REF DWGS	GU 3E-743-11-001, Rev 3, EMERGENCY POWER SYSTEM ONE LINE DIA.pdf	717,673
d:\OYS FSAR R19 REF DWGS	GU 3E-822-21-1000, Sheet 1, Rev 011, STANDBY GAS TREATMENT F.pdf	620,413
d:\OYS FSAR R19 REF DWGS	GU 3E-862-21-1000, Sheet 1, Rev 024, EMERGENCY DIESEL GENERA.pdf	494,645
d:\OYS FSAR R19 REF DWGS	GU 3E-871-21-1000, Sheet 1, Rev 055, DOMESTIC WTR AND PRETREATMENT SYS FLOW DIAG.pdf	568,717
d:\OYS FSAR R19 REF DWGS	GU 3E-871-21-1000, Sheet 2, Rev 045, DOMESTIC WATER AND PRETREATMENT SYS.pdf	793,526
d:\OYS FSAR R19 REF DWGS	GU 3E-871-21-1000, Sheet 3, Rev 041, DOMESTIC WATER AND PRETREATMENT SYS.pdf	606,051
d:\OYS FSAR R19 REF DWGS	GU 3E-882-06-001, Rev 001, RADWASTE CASK FSV-1 SAFE LOAD PAT.pdf	619,441
d:\OYS FSAR R19 REF DWGS	GU 3E-882-06-002, Rev 000, RADWASTE CASK VNDB-355 SAFE LOAD .pdf	583,583
d:\OYS FSAR R19 REF DWGS	JC 19479, Sheet 1, Rev 040, FIRE PROTECTION WATER SYSTEM FLOW DIAGRAM.pdf	328,424

ATTACHMENT 4
File Directory Structure
UFSAR / FHAR Drawings

Directory Path	File Name (FHAR / UFSAR)	File Size (Bytes)
d:\OYS FSAR R19 REF DWGS	JC 19479, Sheet 2, Rev 043, FIRE PROTECTION WATER SYSTEM FLOW DIAGRAM.pdf	2,024,469
d:\OYS FSAR R19 REF DWGS	JC 19479, Sheet 3, Rev 068, FIRE PROTECTION WATER SYSTEM FLOW DIAGRAM.pdf	509,090
d:\OYS FSAR R19 REF DWGS	JC 19479, Sheet 4, Rev 030, FIRE PROTECTION WATER SYSTEM FLO.pdf	614,473
d:\OYS FSAR R19 REF DWGS	NU 5060E6003, Sheet 5, Rev 004, CORE SPRAYRBCCW DRYWELL ISOL.pdf	606,868