

GENERAL ELECTRIC

NUCLEAR POWER

SYSTEMS DIVISION

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MFN 045-83
JNF 011-83

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U.S. Nuclear Regulatory Commission
Office of Nuclear Reactor Regulation
Washington, D.C. 20555

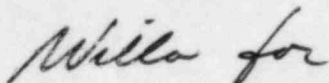
Attention: Mr. D.G. Eisenhut, Director
Division of Licensing

SUBJECT: IN THE MATTER OF 238 NUCLEAR ISLAND
GENERAL ELECTRIC STANDARD SAFETY ANALYSIS REPORT
(GESSAR II) DOCKET NO. STN 50-447

DOCUMENTS SUPPORTING GESSAR II DESIGN

The purpose of this letter is to provide the listing of major NSSS and balance of plant documents supporting the GESSAR II design. The attached list includes the equipment-vendor independent documents reviewed by the Mechanical and Structural Engineering Branches during their audits.

Very truly yours,



Glenn G. Sherwood, Manager
Nuclear Safety & Licensing Operation

Attachments

cc: F.J. Miraglia, (Without Attachments)
D.C. Scaletti
C.O. Thomas, (Without Attachments)
L.S. Gifford, (Without Attachments)
R.M. Ketchel, (Without Attachments)

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LISTING OF MAJOR DOCUMENTS
SUPPORTING THE GESSAR II DESIGN

- PARTS LISTS
- DESIGN SPECIFICATIONS
- PURCHASE SPECIFICATIONS
- TESTING SPECIFICATIONS

NSSS DOCUMENTS

<u>DOCUMENT NUMBER</u>	<u>TITLE</u>	<u>DOCUMENT TYPE</u>
283X214CEG001	APPLICATION ENG INFO	PARTS LIST
283X215CEG001	REPORTS & DATA SHEETS	PARTS LIST
283X216CEG001	CUSTOMER/AE SUPPLIED DATA	PARTS LIST
283X217CEG001	PLANT REQUIREMENTS	PARTS LIST
283X218CEG001	REACTOR SYSTEM	PARTS LIST
283X219CEG001	NUCLEAR BOILER SYSTEM	PARTS LIST
283X220CEG001	REACTOR RECIRCULATION SYS	PARTS LIST
283X318CEG001	CRD HYDR SYS (FAST SCRAM)	PARTS LIST
284X994CEG001	REDUNDANT REACTIVITY CONT	PARTS LIST
283X223CEG001	FEEDWATER CONT SYS (TURB)	PARTS LIST
283X224CEG001	STANDBY LIQUID CONT SYS	PARTS LIST
283X225CEG001	NEUTRON MONITORING SYSTEM	PARTS LIST
283X226CEG001	REMOTE SHUTDOWN SYSTEM	PARTS LIST
283X227CEG001	REACTOR PROTECTION SYSTEM	PARTS LIST
283X316CEG001	COMPUTER SYSTEM	PARTS LIST
283X315CEG001	DISPLAY CONTROL SYSTEM	PARTS LIST
283X231CEG001	PROC RADIATION MONIT SYS	PARTS LIST
283X233CEG001	AREA RADIATION MON SYSTEM	PARTS LIST
283X234CEG001	CONT ATMOS MON SYS	PARTS LIST
283X235CEG001	RESIDUAL HEAT REMOVAL SYS	PARTS LIST
283X236CEG001	LOW PRESS CORE SPRAY SYS	PARTS LIST
283X237CEG001	HIGH PRESS CORE SPRAY SYS	PARTS LIST
283X238CEG001	LEAK DETECTION SYSTEM	PARTS LIST
283X964CEG001	MS POSITIVE LEAK CONT SYS	PARTS LIST
283X239CEG001	REAC CORE ISOL COOL SYS	PARTS LIST
283X240CEG001	FUEL SERVICING EQUIPMENT	PARTS LIST
283X241CEG001	SERVICING AIDS	PARTS LIST
283X242CEG001	REACTOR VESSEL SERVICE EQ	PARTS LIST
283X243CEG001	IN-VESSEL SERVICING EQUIP	PARTS LIST
283X244CEG001	REFUELING EQUIPMENT	PARTS LIST
283X245CEG001	STORAGE EQUIPMENT	PARTS LIST
283X246CEG001	UNDER REACTOR VES SERV EQ	PARTS LIST
283X541CEG001	GE/NED EQUIPMENT	PARTS LIST
283X247CEG001	STARTUP EQUIPMENT	PARTS LIST

<u>DOCUMENT NUMBER</u>	<u>TITLE</u>	<u>DOCUMENT TYPE</u>
283X310CEG001	FUEL TRANSFER SYSTEM	PARTS LIST
283X248CEG001	RADWASTE SYSTEM	PARTS LIST
283X249CEG001	RESIN CLEANER SYSTEM	PARTS LIST
283X250CEG001	REACTOR WATER CLEANUP SYS	PARTS LIST
283X251CEG001	FILTER DEMIN SYS (RWCU)	PARTS LIST
283X252CEG001	FUEL POOL COOL/CLNUP SYS	PARTS LIST
283X314CEG001	FILTER DEMIN SYS (FPC&CU)	PARTS LIST
283X253CEG001	CONTROL ROOM PANELS	PARTS LIST
283X254CEG001	LOCAL INSTRUMENT PANELS	PARTS LIST
283X255CEG001	FUEL	PARTS LIST
283X451CEG001	CORE MANAGEMENT SERVICES	PARTS LIST
283X256CEG001	OFF GAS SYSTEM-LOW TEMP	PARTS LIST
22A6604	NSSS PIPING SYSTEMS	INSTL SPEC
386HA567	STARTUP TRANS TEST SPEC	TEST SPEC
22A4994	REMOTE SHUTDOWN SYSTEM	PRE-OP SPEC
22A4986	CAM SYS PREOP TEST	PRE-OP SPEC
22A5302	IFTS	PRE-OP SPEC
22A4957	NUCLEAR BOILER SYSTEM	TEST SPEC
385HA710	ST UP TEST	TEST SPEC
385HA729	PRE-OP & ST UP TSPEC/CRD	TEST SPEC
22A4356	RCIC SYSTEM	PRE-OP SPEC
22A4355	RWCU TEST REQUIREMENTS	TEST SPEC
22A4707	LPCS SYSTEM	PRE-OP SPEC
385HA678	RHR SYSTEM TESTS	PRE-OP SPEC
386HA797	REAC PROTECT SYS	PRE-OP SPEC
22A4942	PRCS RADN MON	PRE-OP SPEC
22A2265	FUEL POOL COOL & CLNUP SYS	PRE-OP SPEC
22A4977	A RAD MON SYS PREOP TEST	PRE-OP SPEC
22A4615	OG SYS PREOP & ST TEST SP	TEST SPEC
386HA812	MS POS LEAKAGE CONT SYS	PRE-OP SPEC
384HA124AA	ROD PATTERN CONTROL	DSGN SPEC DS
384HA124	ROD PATTERN CONTROL	DESIGN SPEC
22A5424	RMT SHTDN STARTUP TEST	TECH SPEC

<u>DOCUMENT NUMBER</u>	<u>TITLE</u>	<u>DOCUMENT TYPE</u>
22A5420	NBS STARTUP TEST	TEST SPEC
283X824G004	INFO DRYWELL PIPING SYS	PARTS LIST
22A6547	ECCS PIPING SYSTEMS	DESIGN SPEC
22A3893	CRD MAINTENANCE FACILITY	DESIGN SPEC
22A5208	SUPPR POOL CLEANUP SYSTEM	DESIGN SPEC
22A4129	ELEC CODES & STANDARDS	DESIGN SPEC
283X781G001	REQTS DRYWELL PIPING SYS	PARTS LIST
22A4006	MAIN STEAM PIPING	DESIGN SPEC
22A4033	RECIRC LOOP PIPING	DESIGN SPEC
22A3195	PRES INTER OF NUCL COMP	DESIGN SPEC
22A3754AA	PIPING INSULATION	DSGN SPEC DS
22A3754	PIPING INSULATION	DESIGN SPEC
22A3137	PROCESS INSTRUMENTATION	DESIGN SPEC
22A2749	CLNG OF PP EQUIP	DESIGN SPEC
22A4055	INSULATION REAC VESSEL	DESIGN SPEC
22A2652	STRL & MECH LDG CRITERIA	DESIGN SPEC
22A7193	MECH EQPT SEP FOR ESF	DESIGN SPEC
22A3743	ECCS NETWORK	DESIGN SPEC
22A3731	SYSTEM DESIGN PRESSURES	DESIGN SPEC
22A3076	FIRE PREVENTION & PROTECT	DESIGN SPEC
22A3807	NSS SHUTOFF SPEC	DESIGN SPEC
22A5621	CONT H2 RECCOMBINER	DESIGN SPEC
239X419G003	BOP BLDG SEISMIC MODELS	PARTS LIST
21A3524	REACTOR ASSEMBLY	INSTL SPEC
22A4973	REAC ASSY AS-BLT RCD REQ	INSTL SPEC
383HA715	REACTOR COMPONENTS	DESIGN SPEC
328X445G002	DETECTOR DRIVE & SHAFT	PARTS LIST
21A3513	VESSEL & COMPONENTS	PURCH SPEC
22A4052	CORE SUPPORT STRUCTURE	DESIGN SPEC
22A4940	CRD HYDR SYS RTN NOZ CAP	DESIGN SPEC
22A6643AJ	RV-RECIRC INL NOZ	DESIGN SPEC
22A4052	CORE SUPPORT STRUCTURE	DESIGN SPEC
284X176G004	SHROUD HEAD & SEPARATORS	PARTS LIST

<u>DOCUMENT NUMBER</u>	<u>TITLE</u>	<u>DOCUMENT TYPE</u>
284X175G004	STEAM DRYER	PARTS LIST
283X432G001	JET PUMPS	PARTS LIST
7RDB144G001	CONTROL ROD DRIVE	PARTS LIST
22A5556	CONTROL ROD DRIVE	DESIGN SPEC
22A4053	CONTROL ROD DRIVE, INSTL	INSTL SPEC
22A4052	CORE SUPPORT STRUCTURE	DESIGN SPEC
21A9546	CONTROL ROD DRIVE HOUSING	DESIGN SPEC
22A4052	CORE SUPPORT STRUCTURE	DESIGN SPEC
21A9546	CONTROL ROD DRIVE HOUSING	DESIGN SPEC
21A3837	IN-CORE HOUSING	DESIGN SPEC
283X528G001	STUD, SHROUD HEAD	PARTS LIST
22A3847	VENT AND HEAD SPRAY ASSY	DESIGN SPEC
283X534G001	COUPLINGS, LPCI	PARTS LIST
283X474G001	CORE SPRAY LINES	PARTS LIST
283X473G001	JET PUMP INSTRUMENTATION	PARTS LIST
21A3752	JET PUMP INSTRUMENTATION PENT SEAL	DESIGN SPEC
283X547G001	ORIFICED FUEL SUPPORTS	PARTS LIST
22A4052	CORE SUPPORT STRUCTURE	DESIGN SPEC
283X629G001	SURVEILLANCE PROGRAM	PARTS LIST
283X607G002	BACKING RING, SHROUD	PARTS LIST
D50YP2	THREAD LUBRICANT	MATL SPEC
284X179G004	CORE PLATE	PARTS LIST
284X178G004	TOP GUIDE	PARTS LIST
22A4004	DRAIN LINE	DESIGN SPEC
21A8845	HYDRAULIC LINES, CRD	DESIGN SPEC
283X624G001	DOWEL	PARTS LIST
284X177G004	GRID	PARTS LIST

<u>DOCUMENT NUMBER</u>	<u>TITLE</u>	<u>DOCUMENT TYPE</u>
283X758G001	RESTRAINTS, IN-CORE HSG	PARTS LIST
22A6938	ACCESS HOLE COVER	PURCH SPEC
368X427G002	START-UP NEUTRON SOURCE	PARTS LIST
21A9507	RPV SURVEILLANCE SAMPLES	PURCH SPEC
283X568G002	CORE SPRAY SPARGER	PARTS LIST
283X528G002	HARDWARE, CORE PLATE	PARTS LIST
283X778G005	C.S. NOZZLES & HDW	PARTS LIST
386X119G001	SRM/IRM HDWR	PARTS LIST
272A9391	SRM/IRM DRY TUBE	DESIGN SPEC
386X118G001	POWER RANGE DET. HDWR	PARTS LIST
272A8152	PRD DRY TUBE	DESIGN SPEC
283X637G004	RESTRAINT BEAM, CRD HSG	PARTS LIST
283X524G001	SUPPORT, CRD HSG UPPER	PARTS LIST
22A5259	LOOSE PARTS MONITOR SYS	DESIGN SPEC
22A4622	NUCLEAR BOILER SYSTEM	DESIGN SPEC
386X120G001	CONDENSING CHAMBER	PARTS LIST
386X121G001	NUCLEAR BOILER LCL INSTR	SHPNG GP PL
272A9303	CONDENSING CHAMBER	DESIGN SPEC
21A3530	VALVE ACTR. PNEU OPR	PURCH SPEC
21A8717	VALVES, GENL REQ'T FOR	PURCH SPEC
21A9506	VALVE, MSIV	PURCH SPEC
21A8760	VALVE MATERIALS (A&B)	MATL SPEC
21A9538	VALVE SAF/RLF DUAL FCTN	PURCH SPEC
22A6441	SRV, MOD OF CROSBY DES	DSG & PRF SPEC
22A5454	MAIN STEAM PIPING DESIGN	DESIGN SPEC
21A3502	PIPE SUSPENSION	PURCH SPEC
22A4296	GUIDE, PIPE, MAIN STEAM	PURCH SPEC

<u>DOCUMENT NUMBER</u>	<u>TITLE</u>	<u>DOCUMENT TYPE</u>
21A3569	GUIDE, PIPE	VEN FAB SPEC
283X555G002	FLOW ELEMENT COMPONENTS	PARTS LIST
22A3112	REACTOR RECIRCULATION SYS	DESIGN SPEC
386X122G001	REAC RECIRC LCL INSTR	SHPNG GP PL
21A2054	MOTOR (CONSTANT SPEED	PURCH SPEC
21A9450	PUMP, RECIRCULATION	PURCH SPEC
22A6622	RECIRCULATION PUMP	PURCH SPEC
21A9525	RECIRC SYS PMP MATL GR A	MATL SPEC
21A9451	RECIRC BLOCK VALVES	PURCH SPEC
21A8760	VALVE MATERIALS (A&B)	MATL SPEC
21A2123	VALVES, RECIRC FLOW CONT	PURCH SPEC
22A5452	RECIRCULATION PIPING	DESIGN SPEC
22A6417	AUSTENITIC SS PP. CLASS I	PURCH SPEC
21A3706	RESTRAINTS, PIPE WHIP	PKG STG SPEC
21A3848	L FREQ MG SET AUX RLY PNL	PURCH SPEC
21A3845	LOW FREQ M-G SET	PURCH SPEC
22A5395	CRD SYSTEM. FAST SCRAM	DESIGN SPEC
386X123G001	CRD HYD CONT LCL INSTR	SHPNG GP PL
22A4309	RISER ASSEMBLIES	DESIGN SPEC
21A3722	SECT III ISLN VAL-HCU	DESIGN SPEC
21A3766	SEAL PURGE FL REG	PURCH SPEC
21A3565	V. FL CONT. AIR OPR	PURCH SPEC
21A3564P001	V. PRESS CONT W/MOT OPR	PURCH SPEC
21A3564P005	V. PRESS CONT W/MOT OPR	PURCH SPEC
21A9317	SOL VALVES FOR INST AIR	PURCH SPEC
21A1997P001	VALVE, GLOBE, AIR OPERATED	PURCH SPEC
21A1997P002	VALVE, GLOBE, AIR OPERATED	PURCH SPEC
21A9508P001	VALVE, REL, PATTERN	PURCH SPEC
21A3571	VALVE, RELIEF, INLINE	PURCH SPEC
22A5458P001	PRESSURE EQUALIZING VALVE	PURCH SPEC
22A5458P002	PRESSURE EQUALIZING VALVE	PURCH SPEC
22A5387	VELVE, NEEDLE	PURCH SPEC
22A6924	VALVE, GLOBE, AIR OPERATE	PURCH SPEC

<u>DOCUMENT NUMBER</u>	<u>TITLE</u>	<u>DOCUMENT TYPE</u>
21A9317	SOL VALVES FOR INST AIR	PURCH SPEC
22A5367	RRCS	DESIGN SPEC
22A5641	FEEDWATER FLOW METER	PURCH SPEC
22A3736	FEEDWATER CONT SYS (TURB)	DESIGN SPEC
21A1979	MTR. FLL. FW SECTION	PURCH SPEC
22A3130	STANDBY LIQUID CONT SYS	DESIGN SPEC
22A4030	TANK. STOR. STBY LIQ CONT	DESIGN SPEC
21A2051	TANK. STOR. STBY LIQ CONT	FAB SPEC
21A9536	MOTORS. ELECTRIC	PURCH SPEC
21A9370	STDBY LIQ CONT VALVE	PURCH SPEC
22A3167	NMS SOL STATE SAF OPTION	DESIGN SPEC
22A3154	REMOTE SHUTDOWN SYSTEM	DESIGN SPEC
22A3153	RPS. SOLID STATE	DESIGN SPEC
22A6597	ST BYP & PRESS REG	DESIGN SPEC
22A4169	PREP & PKG PRESS RDCR	PACKAGE SPEC
22A5615	HYDRAULIC POWER UNIT	PURCH SPEC
22A5617	TUBING, HYDRAULIC	INSTL SPEC
21A3795	HYDRAULIC POWER UNIT	PKG STG SPEC
22A5616	STEAM BYPASS VALVE	PURCH SPEC
22A6058	PMS (NSSS) & (BOP) & NUC	DESIGN SPEC
22A4098	DISPLAY CONTROL SYSTEM	DESIGN SPEC
22A3767	PRM SYS (RECOMB/CARB BD)	DESIGN SPEC
368X256G011	OFF GAS SAMPLE PANEL	PARTS LIST
237X892G006	AREA RAD MON AUX UNIT	PARTS LIST
368X256G002	OFF GAS SAMPLE PANEL	PARTS LIST
22A7191	AREA RAD MON SYS	DESIGN SPEC
237X892G001	AREA RAD MON AUX UNIT	PARTS LIST
22A4077	CONTAINMENT ATMOS MON SYS	DESIGN SPEC
22A7465	POST ACCIDENT SMPLG SYS	DESIGN SPEC
22A3139	RESIDUAL HEAT REMOVAL SYS	DESIGN SPEC
283X708G001	HEAT EXCHANGER	PARTS LIST
22A4206	RHR HEAT EXCHANGER	DESIGN SPEC
21A3504	MOTORS, ELEC, VERT MTD	PURCH SPEC

<u>DOCUMENT NUMBER</u>	<u>TITLE</u>	<u>DOCUMENT TYPE</u>
21A9514	PUMPS, AUX (RHR & LPCS)	PURCH SPEC
21A9505	FLOW ORIFICE ASSEMBLY	PURCH SPEC
22A5462	LPCS SYS DES. SPEC	DESIGN SPEC
21A3504	MOTORS, ELEC VERT MTD	PURCH SPEC
21A9514	PUMPS, AUX (RHR & LPCS)	PURCH SPEC
21A9505	FLOW ORIFICE ASSEMBLY	PURCH SPEC
22A3131	HPCS SYSTEM	DESIGN SPEC
21A3504	MOTORS, ELEC. VERT MTD	PURCH SPEC
21A1913	PUMPS, AUX, BWR	PURCH SPEC
21A8760	VALVE MATERIALS (A&B)	MATL SPEC
22A5455	MOTOR OPERATED VALVES	TEST SPEC
21A8717	VALVES. GENL REQ FOR	PURCH SPEC
21A9457	VALVES, MO (HPCS)	PURCH SPEC
21A8760	VALVES MATERIALS (A&B)	MATL SPEC
22A5455	MOTOR OPERATED VALVES	TEST SPEC
21A9457	VALVES, MO (HPCS)	PURCH SPEC
22A5455	MOTOR OPERATED VALVES	TEST SPEC
21A9505	FLOW ORIFICE ASSEMBLY	PURCH SPEC
21A3758	TRANSFORMER, HPCS	PURCH SPEC
21A9300	METACLAD SWITCHGEAR	PURCH SPEC
21A3596	RESISTOR, NEUT GROUNDING	PURCH SPEC
22A4294	MS POS LEAKAGE CONT SYS	DESIGN SPEC
221A9505	FLOW ORIFICE ASSEMBLY	PURCH SPEC
22A3124	RCIC SYSTEM	DESIGN SPEC
21A9443	REAC CORE ISOL COOL PUMP	PURCH SPEC
21A9526	TURB. ST. AUX DRIVE	PURCH SPEC
22A5498	RCIC HEAD FITTINGS	DESIGN SPEC
22A6649	FERRITIC PIPING CLASS I	FAB SPEC
22A5454	MAIN STEAM PIPING DESIGN	DESIGN SPEC
22A2598	PIPE WHIP RESTRAINING	INSTL SPEC
22A5412	RCIC/HX GUIDE/RESTRAINT	DESIGN SPEC
283X759G001	FUEL PREP MACHINE	PARTS LIST
283X684G001	POOL TOOL ACCESSORIES	PARTS LIST

<u>DOCUMENT NUMBER</u>	<u>TITLE</u>	<u>DOCUMENT TYPE</u>
21A9532	REAC VESSEL SERVICE TOOLS	PURCH SPEC
21A9518	STUD TENSIONER ASSEMBLY	PURCH SPEC
284X404G001	CRD SERVICING TOOLS	PARTS LIST
283X632G001	CRD HYD SYS TOOLS	PARTS LIST
284X231G001	CRD HANDLING EQUIPMENT	PARTS LIST
284X149G002	EQUIPMENT HDLG PLATFORM	PARTS LIST
21A9541	SHIPPING RIG. VESSEL	PURCH SPEC
21A3567	CORE STR STUD TNSNG EQPT	PURCH SPEC
284X121G001	TEMPLATE, PED/VESS BOLTING	PARTS LIST
22A4608	INCLINED FUEL TRANS SYS	DESIGN SPEC
22A3848	FUEL XFR WN & CONT SYS	DESIGN SPEC
368X414G001	INCLN FUEL LCL INSTR	SHPNG GP PL
22A4454	CNTMT ISLN ASSY. IFTS	DESIGN SPEC
21A3512	VALVE, GATE, AND OPERATOR	PURCH SPEC
22A4133	CONTAINMENT BELLWS, IFTS	DESIGN SPEC
284X158G001	LIQ./SOL. HANDLING EQUIP	PARTS LIST
22A7213	RAACT WASTE DSPL SYS	DESIGN SPEC
391X191CEG001	RADWASTE LCL INSTR	SHPNG GP PL
22A6030	WATER QUAL. FLUSH & TEST	TEST SPEC
21A3866P007	WASTE EVAPORATOR	PURCH SPEC
21A3792	CLOSED CIRCUIT TV SYS	PURCH SPEC
21A3108	RADWASTE CONTROL PANELS	PURCH SPEC
21A9447	ULTRASONIC RESIN CLEANER	PURCH SPEC
22A3134A	REAC WTR CLNUP SYS-HP	DESIGN SPEC
283X617G001	HEAT EXCHANGER REGEN	PARTS LIST
21A1980	HE REGEN NON-REGEN	PURCH SPEC
22A3155	HT EXCH CLNUP RE & NONREGEN	DESIGN SPEC
283X358G001	HEAT EXCHANGER NON-REG	PARTS LIST
21A3796	RW CLEANUP PUMP	PURCH SPEC
21A1990P002	VALVES, CONTROL	PURCH SPEC
21A3544	FLOW ELEMENT (VENTURI)	PURCH SPEC
22A3782	CLNUP FLTR DMNRLZR SYS	DESIGN SPEC
22A3793	CONTROL FLTR/DMNRLZR, RWC	DESIGN SPEC

<u>DOCUMENT NUMBER</u>	<u>TITLE</u>	<u>DOCUMENT TYPE</u>
386X140G003	FILTER DEMIN LCL INSTR	SHPNG GP PL
21A9529	BACKWASH RECEIVING TANK	PURCH SPEC
21A9531	Y-STRAINER, QUAL GP C	PURCH SPEC
22A3785	FILTER/DEMIN VESSELS	DESIGN SPEC
22A3123A	FUEL POOL CLG & CLNUP	DESIGN SPEC
386X141G001	FUEL POOL CLG LCL INSTR	SHPNG GP PL
21A9520	HEAT EXCHANGER, FUEL POOL	PURCH SPEC
21A8770	HT EXCH MATL/QUAL GR B&C	MTL SPEC
22A5609	MOTORS, ELEC, HORIZ MTD	PURCH SPEC
21A9460	PUMP, FUEL POOL	PURCH SPEC
22A4108	FUEL POOL FLTR/DMNRLZR	DESIGN SPEC
22A4222	CONT. FLTR/DMNRLZR	DESIGN SPEC
386X629G001	FILTER DEMIN LCL INSTR	SHPNG GP PL
21A3542	ORIFICE, FLOW	PURCH SPEC
22A4200	MAIN CR PANELS (NUCLENET)	DESIGN SPEC
22A3888	MN CR PNL (NSSS)	DESIGN SPEC
21A3580	RCIC FL CONT SYS	PURCH SPEC
21A2135	NSPS CABINETS	PURCH SPEC
21A2136	BOP SSCL PANELS	PURCH SPEC
22A4559	LOCAL PANELS	DESIGN SPEC
22A3089	OFF GAS SYSTEM LOW TEMP	DESIGN SPEC
21A2053	VAULT REFRIGERATION	PURCH SPEC
21A9454	WATER SEP - LOW TEMP	PURCH SPEC
21A2034	HYDROGEN ANALY & S. COND SY	PURCH SPEC
22A5347	OFF GAS SYSTEM LOW TEMP	DESIGN SPEC
22A5348	BYPASS DELAY TANK	PURCH SPEC

NON-NSSS DOCUMENTS

<u>DOCUMENT NUMBER</u>	<u>TITLE</u>	<u>DOCUMENT TYPE</u>
100-02	INTERFACE CONTROL	PROJ SP
100-03	ENGINEERED EQUIP LIST 1	PROJ SP
100-04	ENGINEERED EQUIP LIST 2	PROJ SP
110-01	COND DISTRIBUTION SYS	DES SPC
110-02	DEMIN WATER DISTRIBUTE SYS	DES SPC
110-03	PNEUMATIC SUPPLY SYSTEM	DES SPC
110-04	CHILLED WATER SYSTEMS	DES SPC
110-05	SERVICE WATER SYSTEMS	DES SPC
110-06	CLOSED COOL WATER SYS	DES SPC
110-07	COMPRESSED AIR SYS	DES SPC
110-08	HEATED WATER SYS	DES SPC
110-09	DIESEL FUEL TRANS SYS	DES SPC
110-10	SPRAY DECONTAMINATION SYS	DES SPC
110-11	FIRE PROTECT SYS	DES SPC
110-12	RADIOACTIVE DRAIN SYSTEM	DES SPC
110-13	EQUIP NOISE LEVELS	DES SPC
110-14	HVAC BASIS OF DESIGN	DES SPC
110-15	CRD MAINT SYS	DES SPC
110-16	SEALING AIR SYSTEM	DES SPC
110-17	SEALING WATER SYSTEM	DES SPC
110-18	SUPP POOL CLEANUP SYSTEM	DES SPC
110-21	MOTOR LIST	DES SPC
110-25	ENVIRONMENTAL CONDITIONS	TST SPC
110-30	PIPING SYS PREOP	TST SPC
110-30A	CLEAN/DIRTY RADWASTE DRAINS	TST SPC
110-30B	CLOSED COOLING WATER	TST SPC
110-30C	ESSENTIAL SERV WATER SYS	TST SPC
110-30D	HPCS SERV WATER SYS	TST SPC
110-30E	RI NON ESSEN CHILL WATR SYS	TST SPC
110-30F	AIR POSITIVE SEALING SYSTEM	TST SPC
110-30G	PNEUMATIC SUPPLY SYSTEM	TST SPC
110-30H	INSTRU SERVICE AIR SYSTEM	TST SPC
110-30J	WATER POSITIVE SEAL	TST SPC

NON-NSSS DOCUMENTS

Page 2

<u>DOCUMENT NUMBER</u>	<u>TITLE</u>	<u>DOCUMENT TYPE</u>
110-30K	DETERGENT DRAIN	TST SPC
110-30L	HEATED WATER DIST SYSTEM	TST SPC
110-30M	CO2 FIRE PROTECTION	TST SPC
110-30N	SUPP POOL CLEANUP SYSTEM	TST SPC
110-30P	FIRE PROTECTION - WET	TST SPC
110-30Q	SUPPRESSION POOL MAKE-UP	TST SPC
110-30R	CASK DECONTAMINATION	TST SPC
110-30S	DEMIN WATER CONDENSATE	TST SPC
110-30T	DRYWELL CHILLED WATER	TST SPC
110-30U	CONTROL BLDG CHILLED WATER	TST SPC
110-30V	NOT ASSIGNED	
110-30W	RB POLAR CRANE INSTRUCTION	TST SPC
110-30X	FB POLAR CRANE INSTRUCTION	TST SPC
110-31A	STANDBY GAS TREATMENT SYS	TST SPC
110-31B	H2 RECOMBINER	TST SPC
110-31C	CONTROL BLDG HVAC	TST SPC
110-31D	AB FCCS AREA PRESS CONTROL	TST SPC
110-31E	H2 MIX - VAC	TST SPC
110-31F	CONTAINMENT HVAC	TST SPC
110-31G	DRYWELL HVAC	TST SPC
110-31H	ANNULUS HVAC	TST SPC
110-31J	FUEL BLDG HVAC	TST SPC
110-31K	DIESEL GENERATOR HVAC	TST SPC
110-31L	RADWASTE HVAC	TST SPC
110-31M	INSTR AIR POSITIVE SEAL SYS	TST SPC
110-31N	INSTR H2O POSITIVE SEAL SYS	TST SPC
110-32	CRIT FOR CONTMT PREOP TEST	TST SPC
110-40	SECOND CONT LEAK CNTR GUIDE	DES SPC
110-50	DUCTWORK + AIR DIST	DES SPC
110-50A	RD DUCTWORK AIR DIST SYS	DES SPC
110-50B	AB DUCTWORK AIR DIST SYS	DES SPC
110-50C	FB DUCTWORK AIR DIST SYS	DES SPC
110-50D	RW DUCTWORK AIR DIST SYS	DES SPC

<u>DOCUMENT NUMBER</u>	<u>TITLE</u>	<u>DOCUMENT TYPE</u>
110-51	ESF DUCTWORK AIR DIST SYS	DES SPC
112-01	AIR DRYER	DES SPC
113-03	AIR SEPARATORS	EQ SPEC
113-04	EXPANSION TANKS	EQ SPEC
113-05	AIR PRESSURE VESSELS	EQ SPEC
113-06	FILTER DEMIN VESSEL	EQ SPEC
113-10	ASME III AIR BOTTLES	EQ SPEC
116-01	TANKS - SHOP FAB	EQ SPEC
116-02	TANKS - FIELD ERECTED	EQ SPEC
116-03	FILTRATE TANKS	EQ SPEC
116-04	CHEM ADD TANK UNITS	EQ SPEC
116-05	FPCCU DRAIN TANK ASME III	EQ SPEC
116-06	ASME III DIESEL FUEL DAY TANK	EQ SPEC
116-07	RW CONTAINER	EQ SPEC
117-01	HEAT EXCHANGERS	EQ SPEC
117-02	CB WATER HEATERS	EQ SPEC
117-03	HVAC COILS	EQ SPEC
117-04	UNIT HEATERS	EQ SPEC
117-05	ELECTRIC REHEAT COILS	EQ SPEC
117-06	ELECTRIC TANK HEATERS	EQ SPEC
117-07	DOUBLE PIPE HEAT EXCHANGERS	EQ SPEC
129-01	PUMP STRAINERS	EQ SPEC
129-02	ASME III WATER STRAINERS	EQ SPEC
129-03	RW STRAINERS	EQ SPEC
129-04	RCIC STEAM TRAPS	EQ SPEC
129-05	AIR ELIMINATOR	EQ SPEC
129-06	THERMOSTATIC AIR VENT	EQ SPEC
129-07	ASME III DUPLEX STRAINERS	EQ SPEC
129-08	RW STEAM TRAPS	EQ SPEC
129-09	ASME III UP CONTNMT POOL	EQ SPEC
131-01	CENTRIFUGAL PUMPS	EQ SPEC
131-02	SUMP PUMPS	EQ SPEC
131-04	SPEC RADWASTE PUMPS	EQ SPEC

<u>DOCUMENT NUMBER</u>	<u>TITLE</u>	<u>DOCUMENT TYPE</u>
131-05	DECONTAMINATION PUMP	EQ SPEC
131-06	ASME III PUMPS	EQ SPEC
133-01	CENTRIFUGAL FANS	EQ SPEC
133-02	AIR HANDLING UNITS	EQ SPEC
133-03	PROPELLER FANS	EQ SPEC
133-04	BLOWERS	EQ SPEC
133-05	SEALING AIR COMPRESSOR	EQ SPEC
133-06	VANEAXIAL FANS	EQ SPEC
136-01	BODY FEED AGITATORS	EQ SPEC
139-01	HVAC FILTERS	EQ SPEC
139-02	BODY FEED DUST COLLECTORS	EQ SPEC
139-03	AIR CLEANUP UNIT	EQ SPEC
139-04	CONTAINMENT FILTRATION UNIT	EQ SPEC
139-05	AIR DIST COMPONENTS	EQ SPEC
139-06	VENT FILTERS	EQ SPEC
139-07	AIR DISTRIBUTION COMPONENTS	EQ SPEC
139-08	TORNADO DAMPERS	EQ SPEC
139-09	ESF MANUAL VOLUME DAMPERS	EQ SPEC
139-10	NON-ESF MANUAL VOL DAMPERS	EQ SPEC
139-11	FILTER AND DRYER	EQ SPEC
151-01	RB POLAR CRANE	EQ SPEC
151-02	FUEL BLDG CRANES	EQ SPEC
151-03	TROLLEYS HOISTS	EQ SPEC
153-01	ELEVATORS	EQ SPEC
164-01	RI AND DRWL WATER CHILLERS	EQ SPEC
164-02	CONT BLDG WATER CHILLERS	EQ SPEC
164-03	DIESEL GENERATORS	EQ SPEC
164-04	EMERGENCY AIR COMP	EQ SPEC
164-05	AB AIR CONDITIONERS	EQ SPEC
164-06	RW CONT RM AC UNIT	EQ SPEC
164-07	AB REMOTE ROOM AC UNIT	EQ SPEC
164-08	CASK DECON VACUUM PUMP	EQ SPEC
165-01	STNDBY GAS TREATMENT SYS	EQ SPEC
165-02	HYDROGEN RECOMBINERS	EQ SPEC
165-03	CASK DECONTAMINATION PKG	EQ SPEC

NON-NSSS DOCUMENTS

Page 5

<u>DOCUMENT NUMBER</u>	<u>TITLE</u>	<u>DOCUMENT TYPE</u>
165-05	CASK DECON PROTOTYPE	EQ SPEC
166-01	FIRE PROTECTION EQUIP	EQ SPEC
166-03	SELF CONT BREATHING APPRTUS	EQ SPEC
172-01	CEMENT STORAGE BIN	EQ SPEC
172-02	BIN VENT FILTER	EQ SPEC
173-01	DRY WASTE COMPACTOR	EQ SPEC
175-01	CRD ULTRASONIC CLEANER	EQ SPEC
175-03	CRD MAINT FAB EQUIP	EQ SPEC
175-04	CRD MAINT BREATH AIR PURIF	EQ SPEC
180-01	SURFACE PREP PRIME	MAT SPC
180-02	FINISH PAINTING	MAT SPC
180-03	CONCRETE, SURFACING PAINT	EQ SPEC
200-01	I C BASIS FOR DESIGN	DES SPC
200-03	INS LIST CONST ISSUE	DES SPC
200-05	FIELD TESTING	DES SPC
200-06A	FIRE ALARM SYS TEST SPEC	TST SPC
200-06B	PROC RADIATION MON TST SPEC	TST SPC
200-06C	SUP POOL TEMP MON TEST SPEC	TST SPC
200-07	INSTRUMENT BID PACKAGE	EQ SPEC
200-10	PROCESS RADIATION MONIT SYS	DES SPC
200-11	SUPPR POOL TEMP MONIT SYS	DES SPC
200-12	STATUS MONIT MANUAL VALVES	DES SPC
210-01	MOISTURE ANALYZERS	EQ SPEC
210-02	ISOKINETIC SAMPLING UNIT	EQ SPEC
210-03	RI PROC RADIATION MONIT SYS	EQ SPEC
210-04	CONDUCTIVITY ANALYZER	EQ SPEC
240-01	LOCAL PANEL	EQ SPEC
240-02	CONTROL ROOM INSTRUMENTS	EQ SPEC
240-03	CONTROL RM MULTIPNT RECORDR	EQ SPEC
240-04	CONTROLLER-ELECT MO VALVES	EQ SPEC
250-01	ORIFICE PLATES	EQ SPEC
250-02	FLOW SWITCHES	EQ SPEC
250-03	SIGHT FLOW GLASSES	EQ SPEC

<u>DOCUMENT NUMBER</u>	<u>TITLE</u>	<u>DOCUMENT TYPE</u>
250-04	PURGE REGULATORS	EQ SPEC
250-06	POS DISPL METERS	EQ SPEC
250-07	VENTURI TUBES	EQ SPEC
260-01	PRESSURE DIFF PRESS XTMRs	EQ SPEC
260-02	PRESSURE SWITCHES	EQ SPEC
260-03	PRESSURE GAUGES	EQ SPEC
260-04	LOCL PRES. DIFF PRESS CONTRL	EQ SPEC
260-05	LOCL DIFF PRES INDIC. SWITCH	EQ SPEC
270-01	LEVEL TRANSM CONTROLLERS	EQ SPEC
270-02	LEVEL SWITCHES	EQ SPEC
270-03	GAUGE GLASSES	EQ SPEC
280-01	THERMOCOUPLES THERMOWELLS	EQ SPEC
280-02	DIAL THERMOMETERS	EQ SPEC
280-03	TEMPERATURE SWITCHES	EQ SPEC
280-04	FILLED SYS TEMP XMTR, CONTRL	EQ SPEC
280-05	THERMOSTATS	EQ SPEC
280-06	ELECTR TEMP INSTR	EQ SPEC
290-01	ANALOG COMPUT ELEM-LOCL MNT EQ SPEC	EQ SPEC
290-02	ELECTRO TRANSDUCERS	EQ SPEC
290-03	SEISMIC INSTRUMENTATION	EQ SPEC
290-04	FIRE ALARM SYS	EQ SPEC
290-05	AIR LOCK SEAL TEST INST SYS	EQ SPEC
300-01	CONCRETE	DES SPC
300-02	STRUCTURAL SPEC GEN CRIT	DES SPC
300-03	SEISMIC QUALIF ENG EQUIP	DES SPC
300-04	STRUCTURAL STEEL	MAT SPC
300-04A	DW STRUCTURAL STEEL	MAT SPC
300-04B	RB STRUCTURAL STEEL	MAT SPC
300-04C	AB STRUCTURAL STEEL	MAT SPC
300-04D	FB STRUCTURAL STEEL	MAT SPC
300-04E	CB STRUCTURAL STEEL	MAT SPC
300-04F	SYSTEM SUPPORT STRUC STEEL	MAT SPC
300-04H	AB SYSTEM SUPP STRUC STEEL	MAT SPC

NON-NSSS DOCUMENTS

Page 7

<u>DOCUMENT NUMBER</u>	<u>TITLE</u>	<u>DOCUMENT TYPE</u>
300-04J	RW STRUCTURAL STEEL	MAT SPC
300-04K	RB SYSTEM SUPP STRUC STEEL	MAT SPC
300-04L	FB SYSTEM SUPP STRUC STEEL	MAT SPC
300-04M	CB SYSTEMS SUPRT STRUC STL	MAT SPC
300-04N	RB SYS SUPP STRUCT STEEL	MAT SPC
300-04P	AB STRUCTURAL STEEL STM TNL	MAT SPC
300-04Q	FB STAIRS STRUCTURAL STEEL	MAT SPC
300-04R	DG BLDG STRVC STEEL	MAT SPC
300-04S	RB STRUC STEEL MISC PLATFRM	MAT SPC
300-04T	VENT STACKS STRUC STEEL	MAT SPC
300-04U	DG STACK LINERS	MAT SPC
300-05	RPV PEDESTALSTRUCT STEEL	MAT SPC
300-06	CONCRETE ACCESSORIES	MAT SPC
300-07	SHIM AND GROUTING	DES SPC
300-08	SHIELD WALL STRUCT STEEL	MAT SPC
300-09	DRYWELL VENT STRUCT STEEL	MAT SPC
300-11	WEIR WALL LINER	MAT SPC
300-12	FB SS LINERS	MAT SPC
300-13	CONTAINMENT VESSEL	DES SPC
300-13A	DOME SPRAY HEADER SUPRTS	MAT SPC
300-14	DRYWELL HEAD	EQ SPEC
300-15	REFUELING BELLWS	EQ SPEC
300-16	DYNAMIC LOAD DATA	EQ SPEC
300-17	WATERTIGHT DOORS	EQ SPEC
300-18	NOT ASSIGNED	
300-19	POOL GATES	EQ SPEC
300-19F	FB POOL GATES	EQ SPEC
300-19R	RB POOL GATES	EQ SPEC
300-20	SHIELD PLUGS	EQ SPEC
300-21	REACTOR BLDG STRUC DES SPEC	DES SPC
300-22	AUX BLDG DES SPEC	DES SPC
300-23	FUEL BLDG DESIGN SPEC	DES SPC
300-24	RADWASTE BLDG DES SPEC	DES SPC

NON-NSSS DOCUMENTS
Page 8

<u>DOCUMENT NUMBER</u>	<u>TITLE</u>	<u>DOCUMENT TYPE</u>
300-25	CONT BLDG DES SPEC	DES SPC
300-26	D/G BLDG DES SPEC	DES SPC
300-28	MISC STEEL	MAT SPC
300-28A	RB MISC STEEL	MAT SPC
300-28B	AB MISC STEEL	MAT SPC
300-28C	FB MISC STEEL	MAT SPC
300-28D	CONTROL BLDG MISC STEEL	MAT SPC
300-28E	DG BLDG MISC STL	MAT SPC
300-28F	RW MISC STEEL	MAT SPC
300-28G	FB STAIRS MISC STEEL	MAT SPC
300-28H	DRWL MISC STEEL PLATFORMS	MAT SPC
300-28J	AB STEAM TUNNEL MISC STEEL	MAT SPC
300-28K	HVAC ENCL STRUC MISC STEEL	MAT SPC
300-29	PERSONNEL LOCK - DW	EQ SPEC
300-30	ARCHITECTURAL DESIGN	DES SPC
300-31	BUILDING MATERIAL	MAT SPC
300-32	SHIELD WINDOWS	EQ SPEC
300-33	TORNADO RESISTANT DOORS	EQ SPEC
300-34	BLOWOUT PANELS	EQ SPEC
300-36	STEEL DECKING	EQ SPEC
300-36B	RB STEEL DECKING	EQ SPEC
300-36C	AB STEEL DECKING	EQ SPEC
300-36D	FB STEEL DECKING	EQ SPEC
300-36E	CB STEEL DECKING	EQ SPEC
300-36F	RADWASTE STEEL DECKING	EQ SPEC
300-36Q	FB STAIRS STEEL DECKING	EQ SPEC
300-36R	DG BLDG STL DECKING	MAT SPC
300-37	STAINLESS STEEL SUMP	EQ SPEC
300-38	SHIELD BLDG SLIDING DOOR	EQ SPEC
300-39	DRYWELL ACCEPTANCE TEST	TST SPC
300-41	REINFORCING STEEL	MAT SPC
300-42	CADWELD SPLICES	MAT SPC
300-43	SB STEAM TUNNEL EMBED	MAT SPC

NON-NSSS DOCUMENTS
Page 9

<u>DOCUMENT NUMBER</u>	<u>TITLE</u>	<u>DOCUMENT TYPE</u>
300-44	DW FRAMED EMBED	MAT SPC
300-45	RB STAINLESS STEEL LINER	MAT SPC
300-46	NF STRUCTURAL ASME III	MAT SPC
300-46A	RPV ANCHOR BOLTS	MAT SPC
300-46C	AB ECCS PUMPS NF STRUC STL	MAT SPC
300-47	SUMP COVER PLATES	MAT SPC
300-48	NF STRUCTURAL SUPPORTS	DES SPC
300-49	FIELD FABR EREC OF SUPRTS	DES SPC
300-50	FIELD FABRICATION SPEC	CON SPC
331-02	LIGHT STEEL CONSTRUCTION	MAT SPC
331-03	SECURITY GRILLES SCREENS	MAT SPC
331-04	MEMBRANE WATERPROOFING	MAT SPC
331-05	CEMENTITIOUS WATERPROOFING	MAT SPC
331-06	SEISMIC JOINT SEALS	MAT SPC
331-07	THERMAL ACOUSTIC INSUL	MAT SPC
331-08	BUILT-UP ROOFING INSUL	MAT SPC
331-09	ELASTOMERIC ROOFING	MAT SPC
331-10	CAULKING SEALANTS	MAT SPC
331-11	JOINT SEALS	MAT SPC
331-12	METAL SIDING TRIM	MAT SPC
331-13	GLASS GLAZING	MAT SPC
331-14	HOLLOW METAL DOORS FRAMES	MAT SPC
331-15	FINISH HARDWARE	MAT SPC
331-16	METAL FURRING	MAT SPC
331-17	SHEET METAL FLASHING	MAT SPC
331-18	GYPSUM DRYWALL	MAT SPC
331-19	ACOUSTIC TITLE	MAT SPC
331-20	CERAMIC TITLE	MAT SPC
331-21	RESILIENT FLOORING	MAT SPC
331-22	SPRAYED FIREPROOFING	MAT SPC
331-23	TOILET PARTITION	MAT SPC
331-24	TOILET JANITOR ACCESSORIES	MAT SPC
331-25	METAL LOCKERS BENCHES	MAT SPC

<u>DOCUMENT NUMBER</u>	<u>TITLE</u>	<u>DOCUMENT TYPE</u>
331-27	ACCESS PANELS	MAT SPC
331-28	SPECIAL DOORS	MAT SPC
331-29	ELEVATED FLOOR SYSTEMS	MAT SPC
331-30	LOUVERS	MAT SPC
331-31	CHALKBOARDS TACKBOARDS	MAT SPC
331-32	SPECIALTY SIGNS	MAT SPC
331-33	SELF CONTAINED KITCHEN UNIT	MAT SPC
331-34	DOCK BUMPERS	MAT SPC
331-35	INTEGRATED CEILING SYSTEM	MAT SPC
331-36	PENETRATION MATRL SPEC	MAT SPC
331-37	BULLET RESISTANT DOORS	MAT SPC
331-38	TRUCK DOOR	MAT SPC
400-01	PIPING DESIGN B31.1	DES SPC
400-02	PIPING MATERIALS	MAT SPC
400-02D-1	RB SHOP PIPESPOOL IND REL 1	INDEX
400-02D-2	RB SHOP PIPESPOOL IND REL 2	SPL IDX
400-02D-3	RB SHOP PIPESPOOL IND REL 3	SPL IDX
400-02E-1	DW SHOP PIPESPOOL IND REL 1	SPL IDX
400-02E-2	DRWL SHOP PIPESPOOL IND RL 2	SPL IDX
400-02E-3	DRWL SHOP PIPESPOOL IND RL 3	SPL IDX
400-02F-1	AB SHOP PIPESPOOL IND REL 1	SPL IDX
400-02F-2	AB SHOP PIPESPOOL IND REL 2	SPL IDX
400-02F-3	AB SHOP PIPESPOOL IND REL 3	SPL IDX
400-02G-2	FB SHOP PIPESPOOL IND REL 2	SPL IDX
400-02G-3	FB SHOP PIPESPOOL IND REL 3	SPL IDX
400-02H-A	RW BLDG SHOP PIPESPOOL	SPL IDX
400-02H-B	RW BLDG SHOP PIPESPOOL	SPL IDX
400-02H-C	RW BLDG SHOP PIPESPOOL	SPL IDX
400-02H-D	RW BLDG SHOP PIPESPOOL	SPL IDX
400-02J	DG SHOP PIPESPOOL IND	SPL IDX
400-02K	CB SHOP PIPESPOOL IND	SPL IDX
400-02L	DG SHOP PIPESPOOL IND	SPL IDX
400-02M	DG SHOP PIPESPOOL IND	SPL IDX

NON-SSS DOCUMENTS

Page 11

<u>DOCUMENT NUMBER</u>	<u>TITLE</u>	<u>DOCUMENT TYPE</u>
400-03	PIP FLD FAB EREC B31.1	FAB SPC
400-04	PIP SHOP FAB B31.1	FAB SPC
400-05	INSULATION	MAT SPC
400-06	FIELD TEST PIPING B31.1	TST SPC
400-07	LINE RATING - 1	DES SPC
400-08	FAB BELLOWS EXPAN JOINTS	EQ SPEC
400-09	PENETRATION ASSEMBLIES	EQ SPEC
400-10	INSTRUMENT INSTALLATION	INSTSPC
400-11	PIP SPEC GENRL CRITERIA	DES SPC
400-12	PIPE SUPPORT LIST	DES SPC
400-12D-1	TECH PIPE SUPPORT	DES SPC
400-12D-3	RB TECH PIPE SUPP ATTACH	DES SPC
400-12E-1	DW TECH PIPE SUP PIP ATCH	DES SPC
400-12E-2	DW TECH PIPE SUP PIP ATCH	DES SPC
400-12E-3	DW TECH PIPE SUP PIP ATCH	DES SPC
400-12F-1	AB TECH PIPE SUP PIP ATCH	DES SPC
400-12F-2	AB TECH PIPE SUP PIP ATCH	DES SPC
400-12F-3	AB TECH PIPE SUP PIP ATCH	DES SPC
400-12G-1	FB TECH PIPE SUP PIP ATCH	DES SPC
400-12G-2	FB TECH PIPE SUP PIP ATCH	DES SPC
400-12G-3	FB TECH PIP SUPP PIP ATCH	DES SPC
400-12H	RW PIPE SUPPORT	DES SPC
400-12J	DG DIV 1 TECH SUPT PIPE ATC	DES SPC
400-12L	DG DIV TECH PIP SUP PIP ATC	DES SPC
400-12M	DG DIV 3 TECH PIP SUP ATCH	DES SPC
400-13	VALVE LIST 1	DES SPC
400-14	METAL EXPAN JOINTS ASME III	EQ SPEC
400-15	PIP FLD FAB EREC ASME III	FAB SPC
400-16	PIP SHOP FAB ASME III	FAB SPC
400-17	FIELD TEST PIP ASME III	TST SPC
400-18	CIVIL ENG DESIGN DRAIN SYS	DES SPC
400-19	PIPE RESTRAINTS	MAT SPC
400-20	PIPE SNUBBERS STRUTS	DES SPC

<u>DOCUMENT NUMBER</u>	<u>TITLE</u>	<u>DOCUMENT TYPE</u>
400-21	PIPE SUPPORTS	DES SPC
400-22	MOTOR OPERATORS FOR VALVES	VLV SPC
400-23	AIR OPERATORS FOR VALVES	VLV SPC
400-24	SOLENOID VALVES	VLV SPC
400-25	VALVES TO B31.1	VLV SPC
400-26	CONTROL VALVES	VLV SPC
400-27	METAL EXPANSION JOINTS	EQ SPEC
400-28	RELIEF VALVES TECH REQ	VLV SPC
400-29	VALVE EXTENSIONS	VLV SPC
400-30	VACUUM RELIEF VALVES	VLV SPC
400-31	VALVE LIST - 2	DES SPC
400-32	GLOBE GATE CHK VALVES 2.5+	VLV SPC
400-33	GLOBE GATE CHK VALVES 2.0-	VLV SPC
400-34	BUTTERFLY VALVES	VLV SPC
400-35	PLUG BALL VALVES	VLV SPC
400-36	HPCS ASME DESIGN	DES SPC
400-37	RCIC ASME DESIGN	DES SPC
400-38	LPCS ASME DESIGN	DES SPC
400-39	NUC BOILER SYS PIP ASME III	DES SPC
400-40	SLCS ASME DESIGN	DES SPC
400-41	RHR SYS PIPING DES ASME III	DES SPC
400-42	FPCCU SYS PIPE DES ASME III	DES SPC
400-43	RWCU SYS PIPE DES ASME III	DES SPC
400-44	CRD ASME DESIGN	DES SPC
400-45	TECH REQ - FLOW DIVERTERS	DES SPC
400-46	ESW HPCS SW SYS ASME III	DES SPC
400-47	RI DW CHILLED WATERER	DES SPC
400-48	SERVICE INSTRUMENT AIR	DES SPC
400-49	LINE RATING 2	DES SPC
400-50	GENERAL SHIELDING SPEC	DES SPC
400-51	RW SHIELD DESIGN SPEC	DES SPC
400-52	CB SHIELD DESIGN SPEC	DES SPC
400-53	FB SHIELD DESIGN SPEC	DES SPC

<u>DOCUMENT NUMBER</u>	<u>TITLE</u>	<u>DOCUMENT TYPE</u>
400-54	AB SHIELD DESIGN SPEC	DES SPC
400-55	DW STEAM TUNL SHIELD DES	DES SPC
400-56	RB SHIELD DESIGN SPEC	DES SPC
400-57	SHIELDING DETAILS	DES SPC
400-58	SHIELD BLDG SHIELD DESIGN	DES SPC
400-59	REFRACTORY SHIELDING MATL	MAT SPC
400-60	DIESEL FUEL TRANSFER	DES SPC
400-61	PIPE RUPT CRIT INSIDE CONTN	DES SPC
400-62	PIPE RUPT CRIT OUTSIDE CONT	DES SPC
400-63	PIPING INTERFACE CONTROL	DES SPC
400-64	SML PIPE DES GUIDE ANALYS	DES SPC
400-65	IN SERVICE INSPECTION	DES SPC
400-66	INSTAL TEST DRAINAGE SYS	INSTALL
400-67	MATL FOR DRAIN PLUMB SYS	MAT SPC
400-68	WSPF SYS PIPE DES ASME III	DES SPC
400-69	HWD SYS PIPE DESN ASME III	DES SPC
400-70	CRD SYSTEM	DES SPC
400-71	RUBBER EXPANSION JOINTS	DES SPC
400-72	INSTRUMENTATION	DES SPC
400-73	LEAK DETECTION ASME III	DES SPC
400-74	SEISMIC LOAD ASME III PIPE	DES SPC
400-75	RWCU FILTER/DEMIN SYS ASME	DES SPC
400-76	FPCCU FILTER/DEMINERALIZER	DES SPC
400-77	CRW DRW PIPE DES ASME III	DES SPC
400-78	PIPE DYNAMIC LOAD	DES SPC
400-79	CCW SYS PIPE DES ASME 3	DES SPC
400-80	SMALL PIPE SUPPORT	CON SPC
400-81	SUPRESSION POOL STRAINERS	EQ SPEC
400-82	CB CW SYS PIPE DES ASME III	DES SPC
400-83	DEMIN WATER COND DIST SYS	DES SPC
400-84	PNEUMATIC SUPPLY - ASME III	DES SPC
400-85	SPMU SYSTEM PIP DES ASME III	DES SPC
400-86	REACTOR WATER RECIRC SYS	DES SPC

<u>DOCUMENT NUMBER</u>	<u>TITLE</u>	<u>DOCUMENT TYPE</u>
400-87	H2 RECOMBINER	DES SPC
400-88	DG LUBE OIL	DES SPC
400-89	DG SERVICE AIR	DES SPC
400-90	RB HVAC SYSTEM	DES SPC
400-91	DG JACKET WATER	DES SPC
400-92	MSRV QUENCHER	EQ SPEC
400-93	RADWASTE BLDG MODEL	DES SPC
400-94	DD SYS PIPING DES ASME III	DES SPC
400-95	WPS SYS PIPING DES ASME III	DES SPC
400-96	APS MS-PLCS SYS DESN	DES SPC
400-97	SPCU SYS PIP DES ASME III	DES SPC
400-98	HOSES FLEX CONN B31.1	EQ SPEC
400-99	METAL FLEX HOSE ASME III	EQ SPEC
410-01	RAFB FDN EMBEDDED	SPL IDX
410-02	RW FDN EMBEDDED	SPL IDX
410-03	DG EMB FDN SHOP PIPESPL IDX	SPL IDX
410-04	CB EMB FDN PIPING	SPL IDX
410-05-1	DW EMBEDDED SHOP PIPSPL R1	SPL IDX
410-05-2	RB EMB SHOP PIPESPOOL R2	SPL IDX
410-05-3	RB EMBED SHOP PIPESPOOL R3	SPL IDX
410-05-4	RB DRN SHOP PIPESPOOL R4	SPL IDX
410-05-5	RB EMBED SHOP PIPESPOOL R5	SPL IDX
410-06-1	AB EMBED SHOP PIPESPOOL R1	SPL IDX
410-06-2	AB EMBED SHOP PIPESPOOL R2	SPL IDX
410-06-3	AB EMBED SHOP PIPESPOOL R3	SPL IDX
410-06-4	AB EMBED SHOP PIPESPOOL R4	SPL IDX
410-07-1	FB EMBED SHOP PIPESPOOL R1	SPL IDX
410-07-2	FB EMBED SHOP PIPESPOOL R2	SPL IDX
410-07-3	FB EMBED SHOP PIPESPOOL R3	SPL IDX
410-07-4	FB EMBED SHOP PIPESPOOL R4	SPL IDX
410-08-1	RW EMB + DR SHOP PIPSPL R1	SPL IDX
410-08-2	RW EMB + DRN SHOP PIPSPL R2	SPL IDX
410-09	DG EMB DRN SHOP PIPESPL IDX	SPL IDX

<u>DOCUMENT NUMBER</u>	<u>TITLE</u>	<u>DOCUMENT TYPE</u>
410-10	CB DRAINAGE SHOP PIPSPL IDX	SPL IDX
411-01-1	RB SHOP ERECTION	ISO LOG
411-01-2	RB SHOP ERECTION	ISO LOG
411-01-3	RB SHOP ERECTION	ISO LOG
411-02-1	DW SHOP ERECTION	ISO LOG
411-02-2	DW SHOP ERECTION	ISO LOG
411-02-3	DW SHOP ERECTION	ISO LOG
411-03-1	AB SHOP ERECTION	ISO LOG
411-03-2	AB SHOP ERECTION	ISO LOG
411-03-3	AB SHOP ERECTION	ISO LOG
411-04-1	FB SHOP ERECTION	ISO LOG
411-04-2	FB SHOP ERECTION	ISO LOG
411-04-3	FB SHOP ERECTION	ISO LOG
411-05-A	RW BLDG SHOP	ISO LOG
411-05-B	RW BLDG SHOP	ISO LOG
411-05-C	RW BLDG SHOP	ISO LOG
411-05-D	RW BLDG SHOP	ISO LOG
411-06	DG SHOP ERECTION	ISO LOG
411-07	CB SHOP ERECTION	ISO LOG
412-01-1	RB FIELD ERECTION	ISO LOG
412-01-2	RB FIELD ERECTION	ISO LOG
412-01-3	RB FIELD ERECTION	ISO LOG
412-02-1	DW FIELD ERECTION	ISO LOG
412-02-2	DW FIELD ERECTION	ISO LOG
412-03-1	AB FIELD ERECTION	ISO LOG
412-03-2	AB FIELD ERECTION	ISO LOG
412-03-3	AB FIELD ERECTION	ISO LOG
412-04-1	FIELD ERECTION	ISO LOG
412-04-2	FB FIELD ERECTION	ISO LOG
412-04-3	FB FIELD ERECTION	ISO LOG
412-05-A	RW BLDG FIELD	ISO LOG
412-05-B	RW BLDG FIELD	ISO LOG
412-05-C	RW BLDG FIELD	ISO LOG

NON-NSSS DOCUMENTS
Page 16

<u>DOCUMENT NUMBER</u>	<u>TITLE</u>	<u>DOCUMENT TYPE</u>
412-05-D	RW BLDG FIELD	ISO LOG
412-06	DG FIELD ERECTION	ISO LOG
412-07	CB FIELD ERECTION	ISO LOG
412-08-1	RB FIELD ERECTION	ISO LOG
412-08-2	RB FIELD ERECTION	ISO LOG
412-08-3	RB FIELD ERECTION	ISO LOG
413-01	RAFB BASEMAT SHOP/FLD EREC	ISO LOG
413-02	RW BLDG SHOP FMBED ERECTION	ISO LOG
413-03	DG FIELD/SHOP BASE MAT EREC	ISO LOG
413-04	CB SHOP EMB FDN ERECTION	ISO LOG
413-05-1	D	ISO LOG
413-05-2	RB EMBED SHOP ERECTION	ISO LOG
413-05-3	RB EMBED SHOP ERECTION	ISO LOG
413-06-1	AB EMB SHOP ERECTION	ISO LOG
413-06-2	AB EMBED SHOP ERECTION	ISO LOG
413-07-1	FB SHOP ERECTION	ISO LOG
413-07-2	FB EMBEDDED SHOP ERECTION	ISO LOG
413-08-1	RW EMBED SHOP ERECTION	ISO LOG
413-08-2	RW EMB SHOP ERECTION	ISO LOG
413-09	DG SHOP ERECTION	ISO LOG
413-10	CB EMB SHOP ERECTION	ISO LOG
414-01-1	DW EMB FIELD ERECTION	ISO LOG
414-01-3	RB EMB FIELD ERECTION	ISO LOG
414-02-2	AB FIELD ERECTION	ISO LOG
414-03-1	FB FIELD ERECTION	ISO LOG
420-80	SPECIAL SML PIPE SUPRT LIST	ISO LOG
500-01	ELEC BASIS FOR DESIGN	DES SPC
500-02	MED/LOW VOLT A-C INDCMOTORS	EQ SPEC
500-03	D-C MOTORS 125V	EQ SPEC
500-04	SOUND POWER SYS CIRCUIT DIR	DES SPC
500-05	ELECT INTERFACE CONTROL	DES SPC
500-06	NOT ASSIGNED	

<u>DOCUMENT NUMBER</u>	<u>TITLE</u>	<u>DOCUMENT TYPE</u>
500-07A	POWER SUPPLY SYSTEM BOP INT	TST SPC
500-07B	EMERGENCY DG ELECT INPUT	TST SPC
500-07C	BUS TRANSFER	TST SPC
500-07D	MED VOLT SWITCHGEAR	TST SPC
500-07E	LOW VOLT SWITCHGEAR + PWR DIS	TST SPC
500-07F	AC MOTOR CONTROL	TST SPC
500-07G	DC BATTERY CHARGER	TST SPC
500-07H	DC PWR DIST + MCC SYSTEM	TST SPC
500-07I	INSTRU POWER SUPPLY VERT	TST SPC
500-07J	LIGHT POWER SUPPLY	TST SPC
500-07K	COMMUNICATION SYSTEM	TST SPC
500-07L	PACKED EQUIPMENT	TST SPC
500-07M	HEAT TRACE SYSTEM	TST SPC
500-09	ELECT REQ FOR PACK EQUIP	EQ SPEC
500-10	CONDUIT SUPPORTS	DES SPEC
510-01	6900V SWITCHGEAR	EQ SPEC
510-03	480 V UNIT SUBSTATIONS	EQ SPEC
510-04	480 V MTR CONTROL CNTR	EQ SPEC
510-05	125-V BATTERIES	EQ SPEC
510-06	BATTERY CHARGERS	EQ SPEC
510-07	D-C DIST PANELS	EQ SPEC
510-08	ELECTRICAL PENETRATIONS	EQ SPEC
510-10	6900V SWITCHGEAR RECIRC PUMP	EQ SPEC
510-11	DC MOTOR CONTROL CENTER	EQ SPEC
510-12	STATIC INVERTER SYSTEM	EQ SPEC
510-13	LIGHTING PANELS	EQ SPEC
510-14	LIGHTING TRANSFORMERS	EQ SPEC
510-15	STATIC INVERTER FOR COMP	EQ SPEC
510-16	REGULATING TRANSFORMERS	EQ SPEC
510-17	AC INSTRU DISTRIBUTION PANEL	EQ SPEC
510-18	SECOND CONT VEST STA LIGHT	EQ SPEC
520-01	SOUND POWERED PHONES	EQ SPEC
530-01	CABLE TRAY (GENERIC ONLY)	DES SPC

<u>DOCUMENT NUMBER</u>	<u>TITLE</u>	<u>DOCUMENT TYPE</u>
530-04A	RB CONDUIT, TRAY SUPPORTS	PUR SPC
530-04B	AB CONDUIT TRAY SUPPORTS	PUR SPC
530-04C	FB CONDUIT, TRAY SUP STR STL	PUR SPC
530-04F	CB COND TRAY SUP STR STL	DES SPC
530-04G	RB COND TRAY SUP STR STL	PUR SPC
540-01	BKV POWER CABLE	MAT SPC
540-02	DELETED	
540-02A	600V POWER CONTROL CABLE	MAT SPC
540-02B	600V CONTROL CABLE	MAT SPC
540-04A	COAXIAL CABLE	MAT SPC
540-04B	INSTRUMENTATION CABLE	MAT SPC
540-04C	THERMOCOUPLE CABLE	MAT SPC
540-05	ELEC HEAT TRACING	MAT SPC