



SEABROOK STATION
Engineering Office

Public Service of New Hampshire

New Hampshire Yankee Division

October 17, 1985

SBN-871

T.F. B7.1.2

United States Nuclear Regulatory Commission
Washington, DC 20555

Attention: Mr. George W. Knighton, Chief
Licensing Branch No. 3
Division of Licensing

Reference: (a) Construction Permits CPPR-135 and CPPR-136, Docket
Nos. 50-443 and 50-444

Subject: SQRT/PVORT; Site Audit

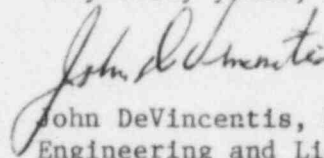
Dear Sir:

As committed to at the August 7, 1985 meeting regarding the SQRT/PVORT Site Audit, please find enclosed one copy of each of the following:

- o Report entitled "Seismic and Dynamic Qualification Summary and Status of Safety-Related Equipment," Revision 1
- o Seabrook's System Turnover Status (Attachment A)
- o NSSS Valve Number Correlation to UE&C (Plant) Tag Numbers (Attachment B)
- o Active NSSS Pumps Listing (Attachment C)

If you have any questions regarding the enclosed material, do not hesitate to contact us.

Very truly yours,



John DeVincentis, Director
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Enclosure

cc: Atomic Safety and Licensing Board Service List

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ATTACHMENT A

System Turnover Status
(Seabrook Station)

System Turnover Status

The enclosed tabulation provides a system turnover status as of September 3, 1985. In order to use this tabulation, reference should be made to the following for guidance:

1. Status is not generally at a system level.
2. Each system, generally subdivided into smaller turnover package groupings, referred to as Boundary Identification Packages (BIPs).
3. Each BIP, depending upon what is included into its scope, may be further subdivided into four small turnover packages:

M-BIP - BIP for mechanical portion.
E-BIP - BIP for electrical portion.
I-BIP - BIP for instrumentation and control portion.
H-BIP - BIP for hanger portion if not included within the M-BIP.
4.
 - a. Column entitled, "Description" describes briefly the scope of a given BIP - reference to the Page ii of the report enclosed with the cover letter may be necessary for any abbreviations used.
 - b. Column entitled, "BIP" provides the BIP Number for that portion of the system.
 - c. Columns entitled, "M," "E," "I," and "H" provide the status for the M-BIP, E-BIP, I-BIP and H-BIP, respectively.
 - d. Key to Status
 1. COMP - Work complete and item turned over.
 2. PART - Work partially completed.
 3. N/A - No existing M-BIP, E-BIP, I-BIP or H-BIP.
 4. * - Status of H-BIP indeterminate at this time.

Page 1	DESCRIPTION	BIP	REV	M	REV	E	REV	I	H
ADMIN BLDG HVAC DECON AREA	AAH-1	2	COMP	0	COMP	2	COMP	N/A	
ADMIN BLDG HVAC DECON AREA (CP-52 ONLY)	AAH-1.1		N/A	0	COMP	0	COMP	N/A	
ADMIN BLDG HVAC FIRST FLOOR	AAH-2	2	COMP	0	COMP	2	COMP	N/A	
ADMIN BLDG HVAC FIRST FLOOR (CP-52 ONLY)	AAH-2.1		N/A	0	COMP	0	COMP	N/A	
ADMIN BLDG HVAC SECOND FLOOR	AAH-3	2	COMP	0	COMP	2	COMP	N/A	
ADMIN BLDG HVAC SECOND FLOOR (CP-52 ONLY)	AAH-3.1		N/A	0	COMP	0	COMP	N/A	
ADMIN BLDG HVAC AUX. BOILER & WATER	AAH-4	1	COMP	1	COMP	2	COMP	N/A	
ADMIN BLDG HVAC AUX. BLR & WTR (CP-52 ONLY)	AAH-4.1		N/A	0	COMP	0	COMP	N/A	
ADMIN BLDG HVAC MISC AREAS	AAH-5	1	COMP	0	COMP	1	COMP	N/A	
AUXILIARY BOILER	AB-1	5	COMP	5	COMP	4	COMP	N/A	
AUXILIARY BOILER - FUEL OIL	AB-2	4	COMP	2	COMP	2	COMP	N/A	
BACKUP ANNUNCIATOR	ANNB-1		N/A	3	COMP		N/A	N/A	
CONDENSER SHELL AIR REMOVAL	AR-1	5	COMP	7	COMP	1	COMP	N/A	
CONDENSER AIR REMOVAL - WATERBOX SIDE	AR-2	5	COMP	2	COMP	2	COMP	N/A	
AUXILIARY STEAM	AS-1	1	COMP	4	COMP	2	COMP	*	
AUXILIARY STEAM - PIPE CHASE	AS-2	2	COMP	4	COMP	1	COMP	*	
AUXILIARY STEAM - PAB/TANK FARM	AS-3	1		2		2		*	
AUXILIARY STEAM - FUEL STORAGE BLDG	AS-4	1	COMP		N/A	0	COMP	N/A	
AUXILIARY STEAM - WASTE PROCESS BLDG	AS-5	1	COMP	3	COMP	3	COMP	PART A	
AUXILIARY STEAM - WASTE PROCESS BLDG	AS-6	3		2	COMP	3	PART A	*	
TURBINE BLDG STEAM HEATING	ASH-1	2	COMP	0	COMP	1	COMP	*	
HEATED STEAM & COND. SERV. & CIRC. WATER	ASH-2	2	COMP	0	COMP	1	COMP	N/A	
SEC. PLANT CHEM. CLEANING PIP. SYS.	BK-1	0	COMP		N/A		N/A	N/A	
7300 BOP RACKS	BOP-1		N/A	3	COMP		N/A	N/A	

DESCRIPTION

	BIP	REV	M	REV	E	REV	I	H
BORON RECOVERY PRIMARY DRAIN TANK	BRS-1	3	COMP	7	COMP	2	COMP	PART A
BORON RECOVERY FILTRATION & STORAGE	BRS-2	2	COMP	7	COMP	2	COMP	*
BORON RECOVERY EVAPORATOR 3A	BRS-3	2	COMP	7	COMP	2	COMP	*
BORON RECOVERY EVAPORATOR 3B	BRS-4	2	COMP	5	COMP	3	COMP	*
BORON RECOVERY TESTING & DEMIN.	BRS-5	3	COMP	7	COMP	1	COMP	*
PRIMARY DRAIN TANK DEGASIFIER	BRS-6	3	COMP	10	COMP	2	COMP	*
CONTAINMENT STRUCTURE COOLING	CAH-1	2	PART B	6	PART B	2		N/A
CONTROL ROD DRIVE COOLING	CAH-2	2	PART A	3	COMP	1	COMP	N/A
CONTAINMENT RECIRCULATING FILTER SYSTEM	CAH-3	1		3		0		N/A
CONTAINMENT ELEVATOR SHAFT FAN	CAH-4.0	0		0			N/A	N/A
CONTAINMENT AIR PURGE	CAP-1	3	PART A	7	PART A	2		*
RCA TUNNEL PURGE	CAP-2		N/A	0			N/A	N/A
FEED AND COND. SAMPLE SYSTEM	CAS-1	5	COMP	3	COMP	2	COMP	PART A
FEED AND CONDENSATE SAMPLING	CAS-1A		N/A	2	COMP		N/A	N/A
AUXILIARY BOILER SAMPLING SYSTEM	CAS-2	1	COMP	0	COMP	0	COMP	N/A
CONDENSER SAMPLING	CAS-3	1	COMP	2	COMP	1	COMP	N/A
CONTAINMENT HYDROGEN MONITORS	CAS-4		N/A	1		0		N/A
4 KV SWITCHGEAR RM. "A" VENTILATION	CBA-1	1	COMP	3	COMP	4	COMP	N/A
4 KV SWITCHGEAR RM. "B" VENTILATION	CBA-2	1	COMP	2	COMP	2	COMP	N/A
BATTERY ROOM EXHAUST SYSTEM	CBA-3	1	COMP	3	COMP	3	COMP	N/A
CABLE SPREADING ROOM VENTILATION	CBA-4	1	COMP	2	COMP	1	COMP	N/A
ELECTRIC TUNNEL AREA VENTILATION	CBA-5	1	COMP	1	COMP		N/A	N/A
CONTROL ROOM VENTILATION	CBA-6	1	COMP	5	COMP	1	COMP	N/A
COMPUTER ROOM VENTILATION	CBA-7	2	COMP	5	COMP	3	COMP	N/A
CONTROL ROOM EMERGENCY CLEANUP VENT	CBA-8	0	COMP	1	COMP	1	COMP	N/A
CONTROL ROOM EMERGENCY CLEANUP VENT	CBA-8A		N/A		COMP		N/A	N/A
CONTROL ROOM MAKEUP VENTILATION	CBA-9	1	COMP	5	COMP	4	COMP	N/A
CONTROL ROOM MAKEUP VENTILATION	CBA-9A		N/A	2	COMP		N/A	N/A
CONTROL ROOM VENT. REFRIG. SYS. TRN. A	CBA-10	1	COMP	0	COMP	2	COMP	N/A
COMPUTER ROOM A/C REFRIG. SYS.	CBA-11		N/A		N/A	2	COMP	N/A
CONTROL ROOM A/C REFRIG. SYS. TRN. B	CBA-12	0	COMP	1	COMP	2	COMP	N/A
CONTROL ROOM MAKEUP VENTILATION	CBA-13	2	COMP	5	COMP	2	COMP	N/A

DESCRIPTION	BIP	REV	M	REV	E	REV	I	H
COMPUTER ROOM VENTILATION TRAIN B	CBA-14	1	COMP	1	COMP		N/A	N/A
COMPUTER ROOM A/C REFRIG.	CBA-15		N/A		N/A	1	COMP	N/A
CONTROL ROOM AIR CONDITIONING	CBA-16	1	COMP	0	COMP	1	COMP	N/A
REFUELING WATER STORAGE TANK CBS-TK-13 & 8	CBS-1	6	COMP	11	COMP	6	COMP	*
CONTAINMENT BUILDING SPRAY	CBS-2	4	COMP	7	COMP	1	COMP	*
CONTAINMENT RECIRCULATION SUMP	CBS-3	2	COMP	6	PART A	3		N/A
COMPONENT COOLING TRAIN A	CC-1	6	COMP	8	COMP	4	COMP	PART A
COMPONENT COOLING TRAIN B	CC-2	7	COMP	8	COMP	5	COMP	PART B
COMP. COOLING CONT. ENCLOSURE TRAIN A	CC-3	2	COMP	1	COMP	1	COMP	*
COMP. COOLING CONT. ENCLOSURE TRAIN B	CC-4	2	COMP	1	COMP	1	COMP	*
PRIMARY COMP. COOLING TRAIN A - CONTAINMENT	CC-5	3	COMP	8	COMP	2	COMP	PART B
COMPONENT COOLING TRAIN B - CONTAINMENT	CC-6	3	COMP	8	COMP	2	COMP	PART B
COMP COOL TR A&B TO CLOSE LP THERM BAR SYS	CC-7	1	COMP	1	COMP		N/A	*
CONTAINMENT CLOSED LOOP COMP. COOLING	CC-8	1	COMP	5	COMP	1	COMP	PART A
CARBON DIOXIDE	CD-1	1	COMP	0	COMP	0	COMP	*
COMBUSTIBLE GAS ANALYZER (CONTAINMENT)	CGC-1	2	PART A	4		1		*
COMBUSTIBLE GAS CONTROL	CGC-2	1		1		0		*
ADMIN. BUILDING CHILLED WATER	CHW-1	2	COMP	0	COMP	1	COMP	N/A
CHLORINATION SYSTEM	CL-1	2	COMP	2	COMP	3	COMP	N/A
CHLORINATION AIR HANDLING	CLA-1	1	COMP	0	COMP	0	COMP	N/A
CONDENSER	CO-1	3	COMP	6	COMP	2	COMP	PART A
EXHAUST HOOD SPRAY	CO-1A		COMP		N/A		N/A	N/A
CONDENSATE SYSTEM	CO-2	1	COMP	6	COMP	2	COMP	*

DESCRIPTION	BIP	REV	M	REV	E	REV	I	H
CONDENSATE STORAGE TANK HEATING	CO-3	2	COMP	2	COMP	3	COMP	*
CONDENSATE STORAGE TANK HEATING	CO-3B		N/A		COMP		N/A	N/A
CONDENSATE TANK CO-TK-25	CO-4	1	COMP	0	COMP	1	COMP	*
CONDENSATE STORAGE TANK	CO-4A		N/A	0	COMP		N/A	N/A
CONDENSATE CLEANING	CO-5	1	COMP	0	COMP	0	COMP	N/A
CONTAINMENT ON-LINE PURGE	COP-1	1	COMP	3	COMP	0	COMP	*
ROD DRIVE POWER	CP-1		N/A	4	COMP	0	N/A	N/A
ROD CONTROL	CP-2		N/A	5	COMP		N/A	N/A
ROD CONTROL SYSTEM - HEAD CABLES	CP-3		N/A	0			N/A	N/A
CHECK POINT HVAC	CPA-1	1		3		0		N/A
HOISTS, CRANES, MONORAILS - TURB. BLDG.	CRH-2	1		0	COMP		N/A	N/A
MS & FW PIPE CHASE SERVICE CRANES	CRH-3	0			N/A		N/A	N/A
HOISTS, CRANES, MONORAILS - PAB	CRH-4	3			N/A		N/A	N/A
HOISTS, CRANES, MONORAILS - CWPH	CRH-6	0	COMP		N/A		N/A	N/A
HOISTS, CRANES, MONORAILS - WPB	CRH-7	1			N/A		N/A	N/A
POLAR GANTRY CRANE	CRH-8	0			N/A		N/A	N/A
HOISTS, CRANES, MONORAILS - EMERG. FWPH	CRH-9	0			N/A		N/A	N/A
HOISTS, CRANES, MONORAILS - DIESEL GEN BLDG	CRH-10	0			N/A		N/A	N/A
CVCS VOLUME CONTROL TANK	CS-1	5	COMP	8	COMP	4	COMP	COMP
CVCS CHARGING	CS-2	4	COMP	12	COMP	3	COMP	COMP
CVCS BORIC ACID	CS-3	4	COMP	11	COMP	3	COMP	N/A
CVCS BRTS CHILLER SYSTEM	CS-4	2	COMP	3	COMP	2	COMP	*
CVCS LETDOWN	CS-5	7	COMP	13	COMP	4	COMP	PART B
CVCS RC SEAL WATER & EXCESS LETDOWN	CS-6	6	COMP	10	COMP	2	COMP	PART A
CVCS THERMAL REGEN. DEMINERALIZERS	CS-7	2	COMP	7	COMP	2	COMP	PART B
CVCS LETDOWN DEGASIFIER	CS-8	6	COMP	10	COMP	3	COMP	*

DESCRIPTION	BIP	REV	M	REV	E	REV	I	H
CIRC WATER PUMP LUBE WATER SYSTEM	CW-1	2	COMP	4	COMP	2	COMP	N/A
CIRCULATING WATER	CW-2	1	COMP	5	COMP	2	COMP	*
CIRCULATING WATER - TUNNELS	CW-3	3	COMP		N/A		N/A	N/A
CW LUBE WATER PUMP	CW-4	0	COMP		N/A		N/A	N/A
CIRC WATER PUMPHOUSE HVAC	CWA-1	0	COMP	1	COMP	0	COMP	N/A
DIESEL GENERATOR BLDG VENTILATION	DAH-1	0	COMP	3	COMP	2	COMP	N/A
TURB BLDG SUMP & #1 OIL/WATER SEP. VAULT	DF-1	1	COMP	3	COMP	2	COMP	*
TURBINE BUILDING DRAINAGE PIPING	DF-2	1	COMP		N/A		N/A	*
OIL/WATER SEPARATOR VAULT #3	DF-3	0	COMP	0	COMP	1	COMP	N/A
DIESEL GENERATOR BLDG FLOOR DRAIN	DF-4	1	COMP	0	COMP	1	COMP	N/A
DIESEL GENERATOR BLDG FLOOR DRAIN	DF-5	0	COMP	0	COMP	1	COMP	N/A
OIL/WATER SEPARATOR VAULT #2	DF-6	3		0		1		N/A
TURBINE BLDG L.O. RESERVOIR DRAINS	DF-7	0	COMP		N/A		N/A	N/A
PLANT FLOOR DRAINS	DF-8	0	COMP		N/A		N/A	N/A
CB MU AIR SUMP	DF-10	0		1		0		N/A
SW/CW INTAKE & DISCHARGE STRUCTURE SUMP	DF-11	0	COMP	2	COMP	0	COMP	N/A
SERVICE & CIRC. WATER PUMPHOUSE SUMP	DF-12	0	COMP	0	COMP	0	COMP	N/A
MS/FW PIPE CHASE EAST SUMP	DF-13	0		1		0		N/A
MS/FW PIPE CHASE WEST SUMP	DF-14	0		0		0		N/A
DIESEL GENERATOR BLDG FLOOR DRAINS	DF-15	0	COMP		N/A		N/A	N/A
COOLING TOWER DRAINS	DF-16	1	COMP		N/A		N/A	N/A
CHLORINATION BLDG DRAINS	DF-17	0	COMP		N/A		N/A	N/A
ELECTRICAL TUNNEL SUMP	DF-19	0		1		0		N/A
CB MAKE-UP AIR SUMP	DF-20	0		0		0		N/A
DIESEL GENERATOR STARTING AIR	DG-1	1	COMP	2	COMP	2	COMP	N/A
DIESEL GENERATOR INT./EXHAUST SYSTEM	DG-2	2	COMP	1	COMP	1	COMP	N/A
DIESEL GENERATOR FUEL OIL	DG-3	0	COMP	1	COMP	2	COMP	N/A
DIESEL GENERATOR - FUEL OIL	DG-3A		N/A	0	COMP		N/A	N/A
DIESEL GENERATOR LUBE OIL	DG-4	3	COMP	1	COMP	1	COMP	N/A
DIESEL GENERATOR COOLING WATER	DG-5	3	COMP	1	COMP	3	COMP	PART A
DIESEL GENERATOR CONTROL SYSTEM	DG-6		N/A	4	COMP	2	COMP	N/A

Page 6	DESCRIPTION	BIP	REV	M	REV	E	REV	I	H
DEMINERALIZED WATER	DM-1	5	COMP	2	COMP	3	COMP	N/A	
PAB DEMINERALIZED WATER HEADER	DM-2	3	COMP	2	COMP	0	COMP	*	
DEMINERALIZED WATER HEADER - CONTAINMENT	DM-3	1	COMP		N/A	0	COMP	*	
DEMINERALIZED WATER HEADER - SPENT FUEL	DM-4	0	COMP		N/A	0	COMP	N/A	
DEMINERALIZED WATER - WASTE PROCESS BLDG	DM-5	3	COMP	2	COMP	1	COMP	*	
DEMINERALIZED WATER - DIESEL GENERATOR BLDG	DM-6	1	COMP		N/A	0	COMP	N/A	
DEMINERALIZED TANK DM-TK-109	DM-7	0	COMP	1	COMP	0	COMP	N/A	
ROD POSITION INDICATION SYSTEM	DRPI-1		N/A	2		0		N/A	
CONTAINMENT ENCLOSURE VENTILATION	EAH-1	2	PART A	2	COMP	1	COMP	N/A	
CONTAINMENT EMERGENCY EXHAUST SYSTEM	EAH-2	3		6		3		N/A	
MAIN STEAM & FW PIPE CHASE VENT - EAST	EAH-3	0	COMP	3	COMP	0	COMP	N/A	
MAIN STEAM & FW PIPE CHASE VENT - WEST	EAH-4	0	COMP	2	COMP	0	COMP	N/A	
HYDROGEN ANALYZER ROOM HVAC	EAH-5	0		1		0		N/A	
RHR VAULT STAIRWELLS HVAC	EAH-6	0		0		0		N/A	
13,800V BUS 1-1 & 1-2 (MIN. REQUIREMENTS)	ED-1		N/A	5	COMP	0	COMP	N/A	
4160V BUSES (MIN. REQUIREMENTS)	ED-2		N/A	3	COMP	0	COMP	N/A	
460V DISTRIBUTION PANELS	ED-3		N/A	3	PART A		N/A	N/A	
MISCELLANEOUS SUBSTATIONS	ED3Y-1		N/A	4			N/A	N/A	
US 12,25,27,28,E62	ED-4		N/A	2	COMP		N/A	N/A	
MISCELLANEOUS MCC'S	ED4Y-1		N/A	1	COMP		N/A	N/A	
MCC 122,252,273,621	ED-4.1		N/A	2	COMP		N/A	N/A	
US11,23,E52,E53	ED-4.2		N/A	0	COMP		N/A	N/A	
US11,23,E52,E53	ED-4.2A		N/A	0	COMP		N/A	N/A	
MCC111,E231,E521,E531	ED-4.3		N/A	0	COMP		N/A	N/A	
MCC111,E231,E521,E531	ED-4.3A		N/A	1	COMP		N/A	N/A	
US 13,14,21,E51,E63	ED-4.4		N/A	2	COMP		N/A	N/A	
MCC 123,271,E513,E514,E631	ED-4.5		N/A	2	COMP		N/A	N/A	
US 26,E61	ED-4.6		N/A	1	COMP		N/A	N/A	
MCC 141,212,261,E512,E523,E612	ED-4.7		N/A	2	COMP		N/A	N/A	
US 16,E64	ED-4.8		N/A	1	COMP		N/A	N/A	
MCC 131,132,161,162,163,166A&B,E614,E641,211	ED-4.9		N/A	2	COMP		N/A	N/A	
MCC 121,142,167,251,E511,E522,E611,262,E622	ED-4.9.1		N/A	3	COMP		N/A	N/A	
MCC 272	ED-4.9.2		N/A	1	COMP		N/A	N/A	
MCC E515,E615	ED-4.9.3		N/A	1	COMP		N/A	N/A	

DESCRIPTION	BIP	REV	M	REV	E	REV	I	H
USS 24, 15, MCC 151, 152, 242, 241	ED-4.10		N/A	0	COMP		N/A	N/A
INITIAL REQUIREMENTS FOR COMPUTER	ED-5		N/A	2	COMP	0	COMP	N/A
UNINTERRUPTABLE POWER UPS-1-2A	ED-5.1		N/A	1	COMP		N/A	N/A
UNINTERRUPTABLE POWER SUPPLY A, C, E	ED-5.2		N/A	3	COMP	0	COMP	N/A
UNINTERRUPTABLE POWER SUPPLY B, D, F, & H	ED-5.3		N/A	4	COMP	0	COMP	N/A
EXCITATION SYSTEM	ED-6		N/A	1	COMP		N/A	N/A
DC SYSTEM - RAT SUPPLY	ED-7		N/A	10	COMP	2	COMP	N/A
DC SYSTEM (SWGR 11C & 11D)	ED-8		N/A	5	COMP	1	COMP	N/A
BUS DUCT SPACE HEATER	ED-9		N/A	1	COMP		N/A	N/A
BUS DUCT SPACE HEATER	ED-9.1		N/A	0	COMP		N/A	N/A
UNIT 1 PROTECTION RELAYING - DC	ED-10		N/A	2	COMP		N/A	N/A
TURBINE BUILDING CATHODIC PROTECTION	ED-11		N/A	1	COMP		N/A	N/A
SERVICE WATER CATHODIC PROTECTION	ED-12		N/A	6	PART D		N/A	N/A
CW TRAVELING SCREEN CATHODIC PROTECTION	ED-13		N/A	3	PART A		N/A	N/A
RADIATION MONITORING PANELS	ED-14		N/A	3	PART A		N/A	N/A
TURBINE ELECTRO HYDRAULIC SYSTEM	EHC-1		N/A	4	COMP	0	COMP	N/A
ELECTRO HYDRAULIC CONTROL AND TRIP	EHC-2		N/A		N/A	0	COMP	N/A
ESSENTIAL LIGHTING	ELTG-1		N/A	1	PART B		N/A	N/A
EMERGENCY FEEDWATER PUMP BUILDING VENT	EPA-1	1	COMP	4	COMP	3	COMP	N/A
ELEC. TUNNEL A/C AIR FLOW TRN. A	ETA-1	2	COMP	3	COMP	0	COMP	COMP
ELEC. TUNNEL A/C AIR FLOW TRN. B	ETA-2	2	COMP	3	COMP	0	COMP	COMP
EXTRACTION STEAM	EX-1	2	COMP	6	COMP	2	COMP	*
FUEL STORAGE BUILDING VENT.	FAH-1	2	COMP	5	COMP	3	COMP	N/A
FUEL HANDLING SYSTEM (FUEL BUILDING)	FHB-1	0	COMP		N/A		N/A	N/A
FUEL HANDLING BUILDING EQUIPMENT	FHB-2	0		4	PART A		N/A	N/A
MISCELLANEOUS FUEL HANDLING TOOLS	FHB-3	0			N/A		N/A	N/A

DESCRIPTION	BIP	REV	M	REV	E	REV	I	II
FUEL HANDLING EQUIP. & TRANSFER EQUIP. CONT. MANIPULATOR CRANE	FHC-1 FHC-2	1 0	PART A	1 3			N/A N/A	N/A N/A
FIXED IN-CORE INSTRUMENTATION	FICI-1		N/A	3				N/A
FIRE PROTECTION YARD LOOP	FP-1	2	PART D		N/A		N/A	*
TURBINE BLDG. FIRE PROT. (RING HEADER)	FP-2.0	2	COMP		N/A		N/A	*
FIRE PROT. TURBINE BLDG. (EHC AREA)	FP-2.1	0	COMP	0	COMP		N/A	N/A
FIRE PROT. TURBINE BLDG. (TURB. L.O.)	FP-2.2	1	COMP	0	COMP		N/A	N/A
FIRE PROT. TURBINE BLDG. (FD PUMP AREA)	FP-2.3	1	COMP	0	COMP		N/A	N/A
FIRE PROT. TURBINE BLDG.	FP-2.4	2		1	COMP		N/A	N/A
FIRE PROT. TURBINE BLDG. (UNDER 50')	FP-2.5	1	COMP	0	COMP		N/A	N/A
FIRE PROT. TURBINE BLDG. (UNDER 50')	FP-2.5B		N/A		COMP		N/A	N/A
FIRE PROT. TURBINE BLDG. (UNDER 75')	FP-2.6	0	COMP	2	COMP		N/A	N/A
FIRE PROT. TURBINE BLDG.	FP-2.7		N/A	0			N/A	N/A
FIRE PROTECTION CONTAINMENT	FP-3	2		2			N/A	*
FIRE PROTECTION STANDPIPES WPB	FP-4	0	COMP	0			N/A	*
FIRE PROTECTION DIESEL GEN BLDG DELUGE	FP-5	4	COMP		N/A		N/A	N/A
FIRE PROTECTION DIESEL GEN BLDG DELUGE	FP-5.1	1	COMP		N/A		N/A	N/A
FIRE PROT. EMERG. FW BLDG. ELEC TUNNEL	FP-6	1	COMP	0			N/A	*
FP EAST MAIN STM & FEEDWTR PIPE ENCL.	FP-6.1	0		0			N/A	N/A
FP EAST MAIN STM & FEEDWTR PIPE ENCL.	FP-6.2		N/A	0			N/A	N/A
FIRE PROTECTION CONT. (PRIM. AUX. BLDG.)	FP-7	2	COMP	0			N/A	*
FIRE PROT. (TRAIN A&B ELEC. TUNNEL)	FP-7.1	0	COMP	1			N/A	N/A
FIRE PROTECTION (CABLE TUNNEL "C")	FP-7.2		N/A	1			N/A	N/A
FP-PAB CABLE TRAYS & CCW PUMP AREA	FP-7.3		N/A	1			N/A	N/A
FIRE PROT. RHR & SI EQUIP. VAULT	FP-7.4		N/A	1			N/A	N/A
FIRE PROTECTION-PRIMARY AUXILIARY BUILDING	FP-7.5		N/A	0			N/A	N/A
FIRE PROTECTION ADMINISTRATION BLDG.	FP-8	1	COMP	1	COMP	0	COMP	N/A
FIRE PROT. STANDPIPES CONTROL & DG BLDG	FP-9	0	COMP	2	COMP		N/A	*
FIRE PROTECTION (DIESEL GEN. OIL SYS)	FP-9.1		N/A	2	COMP		N/A	N/A
FIRE PROT. STANDPIPE PAB & EQUIP. VAULT	FP-10.	4	COMP		N/A		N/A	*
FIRE PROT. STANDPIPE FUEL STORAGE BLDG	FP-11	3	COMP	1	COMP		N/A	N/A
FIRE PROT. STANDPIPE EMERG. FW PUMP BLDG	FP-12	2	COMP		N/A		N/A	N/A
FIRE SYSTEM TO WATER TRTMT PLANT	FP-13	1	COMP		N/A		N/A	N/A
FIRE PROT. - WASTE PROCESS BLDG.	FP-14	0			N/A		N/A	N/A

DESCRIPTION	BIP	REV	M	REV	E	REV	I	H
FIRE PROT. RESERVE STATION TRANSFMR.	FP-16.1	0	COMP	0	COMP		N/A	N/A
FIRE PROTECTION RAT'S	FP-16.1A		N/A	0	COMP		N/A	N/A
FIRE PROT. STEP UP & UNIT TRANSFMR.	FP-16.2	0	COMP	0	COMP		N/A	N/A
FIRE PROT. CABLE SPREAD	FP-16.3	0	COMP	0	COMP		N/A	N/A
FIRE PROTECTION CABLE SPREADING ROOM	FP-16.3A		N/A	0	COMP		N/A	N/A
FIRE PROTECTION COMPUTER ROOM (HALON)	FP-16.4	0	COMP	0	COMP		N/A	N/A
FIRE PROTECTION - CONTROL BUILDING	FP-16.5		N/A	0			N/A	N/A
SERVICE ADMIN. BLDG. HALON SYSTEM	FP-17.		N/A	2	COMP		N/A	N/A
FIRE PROTECTION (SWPH)	FP-18	1	COMP	1	COMP		N/A	N/A
FIRE PROT. SERVICE WATER PUMPHOUSE	FP-18.1		N/A	2	COMP		N/A	N/A
FIRE PROT. COOLING TWR (E BIP) & PAB (M BIP)	FP-19	0	COMP	2	COMP		N/A	*
FIRE PROT. PAB PREACTION SYS. (GFPS)	FP-19.1	0			N/A		N/A	N/A
FP TURBINE BLDG. & SECURITY COMPUTER ROOM	FP-20	0	COMP	1	COMP		N/A	N/A
FIRE PROTECTION	FP-21		N/A	1			N/A	N/A
FP - EMERGENCY FEEDWTR PUMP BLDG	FP-22		N/A	1			N/A	N/A
FIRE PUMPHOUSE AIR HANDLING (MISC.)	FPA-2		N/A	0	COMP		N/A	N/A
STEAM GENERATED FEED WATER	FW-1	4	COMP	9	COMP	1	COMP	*
STEAM GENERATED PUMP TURBINE	FW-2	2	COMP	7	COMP	1	COMP	N/A
EMERGENCY FEEDWATER	FW-3	5	COMP	8	COMP	1	PART B	*
FDWTR S/U FEED PUMP & RECIRC & WET LAYUP	FW-4	2	COMP	4	COMP	1	COMP	*
GENERATOR STATOR COOLANT SYSTEM	GSC-1	0	COMP	2	COMP	1	COMP	COMP
HIGH PRESSURE HEATER DRAINS	HD-1	2	COMP	6	COMP	2	COMP	*
LOW PRESSURE HEATER DRAINS	HD-2	3	COMP	7	COMP	3	COMP	*
HYDRAULIC FLUID SYSTEM	HF-1	0	COMP	2	COMP	0	COMP	N/A
HYDROGEN SYSTEM	HG-1	2	COMP		N/A	1	COMP	*

DESCRIPTION	BIP	REV	M	REV	E	REV	I	H
HYDROGEN GAS GENERATOR	HGG-1	0	COMP	2	COMP	1	COMP	*
HYDROGEN GAS TO GENERATOR	HGG-2	0	COMP		N/A		N/A	*
HEAT TRACING	HT-1		N/A	2	PART A		N/A	N/A
NORMAL & BACKUP WL SYSTEM	HT-2		N/A	3			N/A	N/A
SW HEAT TRACE SYSTEM	HT-4		N/A	2			N/A	N/A
NORMAL & BACKUP BRS HEAT TRACE SYSTEM	HT-5		N/A	3			N/A	N/A
NORMAL & BACKUP SB HEAT TRACE SYSTEM	HT-6		N/A	4	PART A		N/A	N/A
CO HEAT TRACE SYSTEM	HT-7		N/A	4			N/A	N/A
NORMAL & BACKUP WS SYSTEM	HT-8		N/A	1			N/A	N/A
DM SYSTEM	HT-10		N/A	2			N/A	N/A
CAS SYSTEM	HT-11		N/A	2	PART A		N/A	N/A
PAH SYSTEM	HT-12		N/A	1			N/A	N/A
VG/WG SYSTEM	HT-13		N/A	1			N/A	N/A
FW SYSTEM	HT-14		N/A	1	COMP		N/A	N/A
NORMAL & BACKUP CGC HEAT TRACE SYSTEM	HT-15		N/A	1			N/A	N/A
MS SAMPLING SYSTEM	HT-16		N/A	0			N/A	N/A
ADMIN. BLDG. HEATING WATER SYSTEM	HW-1	2	COMP	1	COMP	1	COMP	*
EMERG. FEEDWATER PMPHSE. HOT WATER	HW-2	0		2		1		N/A
WASTE PROCESS BLDG. HOT WATER HEATING	HW-3	2		1		2		*
DG. BLDG. & CTRL BLDG. HOT WTR. HTG.	HW-4	2	PART A	1		2		N/A
PAB FILTER RM. HOT WATER HEATING	HW-5	1		1		0		*
PAB MECH. EQUIP. RM. HOT WTR. HTG.	HW-6	0		1		1		*
FUEL STORAGE BLDG. HOT WATER HEATING	HW-7	0		1		0	COMP	*
SWPH HOT WATER HEATING	HW-8	0	COMP	1	COMP	0	COMP	N/A
INSTRUMENT AIR	IA-1	2	COMP	1	COMP	0	COMP	*
INSTRUMENT AIR	IA-1A		COMP		N/A		N/A	N/A
INSTRUMENT AIR ADMIN. BLDG.	IA-2	2	COMP		N/A	0	COMP	*
INSTRUMENT AIR TO EMERG. FP. BLDG.	IA-3	4	COMP		N/A		N/A	*
MS & FW PIPE CHASE WEST DG & CONT. BLDG.	IA-4	5	COMP		N/A		N/A	*
INSTRUMENT TO RHR VAULT AREA	IA-5	3	COMP		N/A		N/A	N/A
SERVICE/CIRC. WTR. PUMPHOUSE INST. AIR	IA-6	4	COMP		N/A		N/A	*

DESCRIPTION	BIP	REV	M	REV	E	REV	I	H
INSTRUMENT AIR TO PAB	IA-8	1	PART C		N/A		N/A	*
CONTAINMENT INSTRUMENT AIR	IA-9	4	COMP	4	COMP	2	COMP	*
CP-1 NSSS CABINETS	JC-1		N/A	2	COMP		N/A	N/A
CP-2 NSSS CABINETS	JC-2		N/A	3	COMP		N/A	N/A
CP-3 NSSS CABINETS	JC-3		N/A	1	COMP		N/A	N/A
CP-4 NSSS CABINETS	JC-4		N/A	3	COMP		N/A	N/A
CP-5 NSSS CABINETS	JC-5		N/A	2	COMP		N/A	N/A
CP-6 NSSS CABINETS	JC-6		N/A	2	COMP		N/A	N/A
CP-7 NSSS CABINETS	JC-7		N/A	2	COMP		N/A	N/A
CP-8 NSSS CABINETS	JC-8		N/A	2	COMP		N/A	N/A
CP 152A BOP CABINET 1	JC-9		N/A	1	COMP		N/A	N/A
CP 152B BOP CABINET 2	JC-10		N/A	2	COMP		N/A	N/A
CP 153 BOP CABINET 3	JC-11		N/A	2	COMP		N/A	N/A
CP 175 BOP CABINET 4	JC-12		N/A	1	COMP		N/A	N/A
CP 244 BOP CABINET 5	JC-13		N/A	2	COMP		N/A	N/A
CP 38AA BOP CABINET 6	JC-14		N/A	0	COMP		N/A	N/A
CP 38BB BOP CABINET 7	JC-15		N/A	1	COMP		N/A	N/A
CP 297A BOP CABINET 10	JC-16		N/A	1	COMP		N/A	N/A
CP 297B BOP CABINET 11	JC-17		N/A	2	COMP		N/A	N/A
LEAK DETECTION	LD-1	0		1		1		N/A
PERSONNEL & EQUIPMENT HATCHES	LD-2	0		2			N/A	N/A
CONTAINMENT & FUEL BLDG. LEAK DETECTION	LD-3	0			N/A		N/A	N/A
LUBE OIL TRANSFER & CONDITIONING	LO-1	1	COMP	3	COMP	2	COMP	*
MAIN LUBE OIL SYSTEM	LO-2	0	COMP	3	COMP	1	COMP	*
MAIN LUBE OIL SYSTEM	LO-2A		N/A		N/A		COMP	N/A
LIGHTING - TURBINE BUILDING	LTG-1		N/A	2			N/A	N/A
LIGHTING - CONTROL BUILDING	LTG-2		N/A	2	COMP		N/A	N/A
LIGHTING - WASTE PROCESS BUILDING	LTG-3		N/A	1			N/A	N/A
LIGHTING - PRIMARY AUXILIARY BUILDING	LTG-4		N/A	1			N/A	N/A
LIGHTING - SW & CW BUILDING	LTG-5		N/A	1	COMP		N/A	N/A

Page 12	DESCRIPTION	BIP	REV	M	REV	E	REV	I	H
LIGHTING - DIESEL BUILDING	LTG-6			N/A	1			N/A	N/A
LIGHTING - FUEL STORAGE BUILDING	LTG-7			N/A	1	PART A		N/A	N/A
LIGHTING - CONTAINMENT BUILDING	LTG-8			N/A	1			N/A	N/A
LIGHTING - MISCELLANEOUS AREAS	LTG-9			N/A	2	PART B		N/A	N/A
MAIN CONTROL BOARD	MCB-1			N/A	3	COMP		N/A	N/A
MOISTURE SEPARATOR REHEATERS	MD-1	2		COMP	4	COMP	1	COMP	*
METEOROLOGICAL SYSTEM	MET-1			N/A	0			N/A	N/A
MOVEABLE INCORE INSTRUMENTATION	MICI-1			N/A	3	PART A			N/A
TURBINE BUILDING ELEVATOR	MM-1			N/A	0	COMP		N/A	N/A
CONTAINMENT ELEVATOR	MM-2			N/A	0			N/A	N/A
WASTE PROCESS BUILDING ELEVATOR	MM-3			N/A	0	COMP		N/A	N/A
VAULT ELEVATOR	MM-4			N/A	0	COMP		N/A	N/A
MAIN STEAM HEADERS	MS-1	5		COMP	13	COMP	4	COMP	PART B
MAIN STEAM HIGH PRESSURE TURBINE SUP.	MS-2	0		COMP	5	COMP	1	COMP	N/A
NITROGEN SUPPLY	NG-1	3		COMP	2	COMP	1	COMP	PART A
NUCLEAR INSTRUMENT SYSTEM	NI-1			N/A	5	COMP	1	COMP	N/A
EX-CORE NUCLEAR DETECTORS	NI-2			N/A		N/A	1	COMP	N/A
NUCLEAR INSTRUMENTS (REMOTE SHUTDOWN)	NI-3			N/A	2		1	COMP	N/A
REACTOR COOLANT PUMPS OIL COLLECTION	OC-1	0				N/A		N/A	*

DESCRIPTION	BIP	REV	M	REV	E	REV	I	H
PUBL ADD COMM SYS LOOP 1 - FPH/GUARDHOUSE	PAC-1		N/A	1	COMP		N/A	N/A
PUBL ADD COMM SYS LOOP 2 - TURB BLDG/YARD	PAC-2		N/A	2	COMP		N/A	N/A
PUBL ADD COMM SYS LOOP 3 - ADMIN, AB, WT	PAC-3		N/A	3	COMP		N/A	N/A
PUBL ADD COMM SYS LOOP 4 - CONTROL BLDG/DG	PAC-4		N/A	2	COMP		N/A	N/A
PUBL ADD COMM SYS LOOP 5 - CONT/CL/SW	PAC-5		N/A	3	COMP		N/A	N/A
PUBL ADD COMM SYS LOOP 6 - PAB & FSB	PAC-6		N/A	2	COMP		N/A	N/A
PUBL ADD COMM SYS LOOP 7 - WPB/COOL'G TWR	PAC-7		N/A	1			N/A	N/A
PAB BUILDING AIR SUPPLY SYSTEM	PAH-1	3	PART A	6	PART A	1	COMP	N/A
PAB BUILDING CLEAN UP AIR EXHAUST	PAH-2	5	PART A	8		1		N/A
PAB BUILDING NORMAL AIR EXHAUST	PAH-3	3	COMP	3	COMP	1	COMP	N/A
PAB BUILDING AUX. AIR SUPPLY	PAH-4	2		5		2		N/A
PLANT VENT STACK	PAH-5	0	COMP		N/A		N/A	N/A
15 KV POWER PENETRATION	PEN-1		N/A	0			N/A	N/A
600 V POWER PENETRATION	PEN-2		N/A	0			N/A	N/A
600 V CONTROL PENETRATION	PEN-3		N/A	0			N/A	N/A
INSTRUMENT PENETRATION	PEN-4		N/A	1			N/A	N/A
INSTRUMENT PENETRATION	PEN-5		N/A	1			N/A	N/A
FIRE PUMPHOUSE AND YARD POTABLE WATER	PW-1	3			N/A		N/A	N/A
UNIT 1 TURBINE BLDG. POTABLE WATER	PW-2	1		0	COMP		N/A	N/A
UNIT 1 DIESEL GEN. & CONTR. BLDG. POT. WTR.	PW-3	2	PART A	0	COMP		N/A	N/A
CLEAN ACCESS & RCA TUNNEL POTABLE WTR.	PW-5	0			N/A		N/A	N/A
RCA TUNNEL POTABLE WATER	PW-6	1		0	DELE		N/A	N/A
TR PIT, CS & SW PUMPHOUSE POTABLE WTR.	PW-7	0	COMP		N/A		N/A	N/A
CHLORINATION BLDG. POTABLE WATER	PW-8	0	COMP		N/A		N/A	N/A
RADIATION MONITORING & PAGING RADIO SYSTEM	RAS-1		N/A	1			N/A	N/A
OPERATIONS & MAINTENANCE RADIO SYSTEM	RAS-2		N/A	1			N/A	N/A
PERMANENT REPEATER STATIONS	RAS-3		N/A	1			N/A	N/A
REACTOR COOLANT	RC-1	5	COMP	16	COMP	1	COMP	PART A

DESCRIPTION	BIP	REV	M	REV	E	REV	I	II
RC PUMP #3 SEAL PIPING PRESSURIZED RELIEF TANK REACTOR COOLANT (RVLIS)	RC-2 RC-3 RC-4	2 3	COMP COMP N/A	1 6 0	COMP COMP	1 1 2	COMP COMP PART A	* PART B N/A
RESIDUAL HEAT REMOVAL SYSTEM	RH-1	6	COMP	9	COMP	3	COMP	PART A
RADIATION MONITORING INCORE SEAL TABLE	RMS-3		N/A	2			N/A	N/A
RAD MONIT CONTAIN. POST-LOCA., MANIP. CRANE	RMS-4		N/A	4	PART A		N/A	N/A
RADIATION MONITORING PERSONNEL HATCH	RMS-5		N/A	0	PART A		N/A	N/A
RADIATION MONITORING SAMPLE ROOM	RMS-6		N/A	1			N/A	N/A
RADIATION MONITORING RHR VAULTS, 1 & 2	RMS-7		N/A	1	PART A		N/A	N/A
RADIATION MONITORING CVC TANK AREA	RMS-8		N/A	1			N/A	N/A
RAD MONIT PAB ENTRANCE & LOWER LEVEL	RMS-9		N/A	1	PART A		N/A	N/A
RAD MONIT CS CHARGING PUMP ROOMS	RMS-10		N/A	0			N/A	N/A
RAD MONIT HOT CHEM. LAB, DECON. RM	RMS-11		N/A	0	COMP		N/A	N/A
RAD MONIT FSB SPENT FUEL BRIDGE	RMS-12		N/A	1			N/A	N/A
RAD MONIT MCB AREA	RMS-13		N/A	2	PART A		N/A	N/A
RAD MONIT WG PROCESS AREA WS DRUMMING	RMS-14		N/A	1	PART A		N/A	N/A
RAD MONIT SOLID RAD WASTE STORAGE AREA	RMS-15		N/A	1	PART A		N/A	N/A
RAD MONIT TURB BLDG SUMP 1-A, C.A. & SAMPLE	RMS-16		N/A	2	PART B		N/A	N/A
RAD MONIT STEAM GEN B.D. A,B,C,& D SAMPLE	RMS-17		N/A	3	PART B		N/A	N/A
RAD MONIT BORON WASTE TK	RMS-18		N/A	3	PART C		N/A	N/A
RAD MONIT EAST & WEST AIR INTAKE STRUCTURES	RMS-19		N/A	3	PART A		N/A	N/A
RAD MONIT PLANT, PAB, CONT. EXHAUST & VENTS	RMS-20		N/A	2	PART A		N/A	N/A
RAD MONIT WPB EXHAUST	RMS-21		N/A	1			N/A	N/A
RAD MONIT CARBON DELAY BEDS	RMS-22		N/A	2			N/A	N/A
RAD MONIT P.C.W. - LOOP A & B	RMS-23		N/A	2	PART A		N/A	N/A
RAD MONIT MS LOOPS 1,2,3, & 4	RMS-24		N/A	2	PART A		N/A	N/A
RAD MONIT 1-E CABINETS, HOST COMPUTER	RMS-25		N/A	1	COMP		N/A	N/A
REACTOR MAKE-UP WATER	RMW-1	2	COMP	7	COMP	4	COMP	*
REACTOR MAKE-UP WATER TK RMW-TK-12	RMW-2	0	COMP	1	COMP	2	COMP	*
SPENT RESIN SLUICING	RS-1	5	COMP	6	COMP	4	COMP	*

DESCRIPTION	BIP	REV	M	REV	E	REV	I	H
COMPRESSED AIR	SA-1	3	COMP	6	COMP	1	COMP	N/A
SERV. AIR HEADER TURBINE BLDG.	SA-2	1	COMP		N/A		N/A	N/A
SERVICE AIR HEADER AUX. BOILER ROOM	SA-3	2	COMP		N/A		N/A	N/A
SERVICE AIR - CONTAINMENT	SA-4	3	COMP		N/A		N/A	*
CIRC. WATER PUMPHOUSE	SA-5	2	COMP		N/A		N/A	N/A
SERVICE AIR TO PAB/CB/DGB	SA-6	3			N/A		N/A	*
WFB/PAB/FSB	SA-7	2			N/A		N/A	*
VAULT AREA	SA-8	0			N/A		N/A	*
CHLORINATION BUILDING SERVICE AREA	SA-9	0	COMP		N/A		N/A	N/A
STEAM GENERATOR FLASH TANK SUBSYSTEM	SB-1	2	COMP	6	COMP	3	COMP	PART D
STEAM GEN BLWDN FLASH TANK TRANSFER PIPING	SB-2	3	COMP	2	COMP	4	COMP	*
STEAM GENERATOR BLOWDOWN EVAPORATOR TRAIN A	SB-3	3	COMP	4	COMP	2	COMP	*
STEAM GENERATOR BLOWDOWN EVAPORATOR TRAIN B	SB-4	3	COMP	4	COMP	3	COMP	*
STEAM GEN. BLOWDOWN EVAPORATOR UNIT C	SB-5	4	COMP	4	COMP	3	COMP	*
STEAM GENERATOR BLOWDOWN RECOVERY SYSTEM	SB-6	2	COMP	4	COMP	3	COMP	*
COMPUTER AND IRTU'S 1,2,3,4, & 8	SC-1		N/A	1	COMP	2	COMP	N/A
TURBINE BUILDING IRTU'S & 9	SC-2		N/A	3	COMP		N/A	N/A
ELECTRICAL TUNNEL IRTU'S 5 & 6	SC-3		N/A	0	COMP		N/A	N/A
ELECTRICAL TUNNEL IRTU'S 5 & 6	SC-3A		N/A	2			N/A	N/A
PRIMARY AUX. BLDG. IRTU 7	SC-4		N/A	1	COMP		N/A	N/A
IRTU 8,9 CONVERSION UNITS	SC-6		N/A	1	COMP		N/A	N/A
IRTU 8,9 CONVERSION UNITS	SC-7		N/A	0	COMP		N/A	N/A
IRTU 5,6,7 CONVERSION UNIT	SC-8		N/A	0	COMP		N/A	N/A
IRTU 5,6,7 CONVERSION UNIT	SC-8A		N/A	0	COMP		N/A	N/A
SECONDARY COMPONENT COOLING	SCC-1	4	COMP	5	COMP	3	COMP	COMP
ISOLATION PHASE BUS DUCT COOLING	SCC-2	1	COMP	1	COMP	1	COMP	COMP
GENERATOR EXCITER COOLER	SCC-3	1	COMP		N/A	1	COMP	COMP
EHC FLUID COOLERS	SCC-4	1	COMP		N/A	1	COMP	COMP
TURBINE LUBE OIL COOLERS	SCC-5	1	COMP		N/A	1	COMP	COMP

DESCRIPTION	BIP	REV	M	REV	E	REV	I	H
SERVICE WATER SCREEN WASH SYSTEM	SCW-1	2	COMP	4	COMP	1	COMP	N/A
CIRCULATING WATER SCREEN WASH SYSTEM	SCW-2	3	COMP	3	COMP	2	COMP	N/A
SPENT FUEL PIT AND COOLING	SF-1	1	COMP	2	COMP	2	COMP	*
SPENT FUEL PIT AND COOLING	SF-1A		N/A	0	COMP		N/A	N/A
SPENT FUEL - REFUELING CANAL SKIMMER	SF-2	4	COMP	4	COMP	2	COMP	PART A
SPENT FUEL PIT SKIMMER SYSTEM	SF-3	0	COMP	0	COMP	0	COMP	*
SECURITY & FIRE DETECT. SYS. - ADMIN BLDG	SFD-1		N/A	1	COMP		N/A	N/A
SECURITY & FIRE DETECT. SYS. - FSB	SFD-2		N/A	3	COMP		N/A	N/A
SECURITY & FIRE DETECT. SYS. - WPB	SFD-3		N/A	1	COMP		N/A	N/A
SECURITY & FIRE ALARM SYSTEM	SFD-4		N/A	3	COMP		N/A	N/A
SECURITY & FIRE DETECT. SYS. - COOLING TOWER	SFD-5		N/A	3	COMP		N/A	N/A
SECURITY & FIRE DETECT. SYS. - FPH	SFD-6		N/A	1	COMP		N/A	N/A
SECURITY & FIRE DETECT. SYS. - EM FD PMP	SFD-7		N/A	2	COMP		N/A	N/A
SECURITY & FIRE DETECT. SYS. - TURBINE	SFD-8		N/A	2	COMP		N/A	N/A
SECURITY & FIRE DETECT. SYS. - PAB	SFD-9		N/A	3	PART A		N/A	N/A
SECURITY & FIRE DETECT. SYS. - SWA/DG/CONT	SFD-10		N/A	3	COMP		N/A	N/A
SEC. & FIRE PROT. SYS.-FENCE & GATE SENSORS	SFD-11		N/A	6	PART D		N/A	N/A
SEC. & FIRE DETECT. SYS.-CLOSE CIRCUIT TV	SFD-12		N/A	1	PART A		N/A	N/A
SECURITY & FIRE PROTECT. SYS. - GUARD HOUSE	SFD-13		N/A	1	COMP		N/A	N/A
S&FD COMPUTER INTERFACE	SFD-14		N/A	0	COMP		N/A	N/A
SEC. & FIRE DETECT. SYS.-SAS/CAS/HP CONSOLE	SFD-15		N/A	5	PART B		N/A	N/A
SECURITY & FIRE DETECTION	SFD-16	1	PART A		N/A		N/A	N/A
DATA BUS LOOP S&FD	SFD-17		N/A	0	COMP		N/A	N/A
NON-ESSENTIAL SWGR AIR HANDLING SYSTEM	SGA-1	0	COMP	1	COMP	1	COMP	N/A
SAFETY INJECTION ACCUMULATOR 1	SI-1	3	COMP	6	COMP	3	COMP	*
SAFETY INJECTION ACCUMULATOR 2	SI-2	1	COMP	5	COMP	3	COMP	*
SAFETY INJECTION ACCUMULATOR 3	SI-3	4	COMP	4	COMP	4	COMP	*
SAFETY INJECTION ACCUMULATOR 4	SI-4	2	COMP	5	COMP	4	COMP	*
SAFETY INJECTION	SI-5	4	COMP	9	COMP	5	COMP	PART B
PUMPS & DISCH LINES HIGH HEAD SAFETY INJECTI	SI-6	4	COMP		N/A		N/A	*
SI & RHR TEST LINES	SI-7	2	COMP	5	COMP	3	COMP	*

DESCRIPTION	BIP	REV	M	REV	E	REV	I	H
SEISMIC MONITOR SYSTEM	SM-1		N/A	1		0		N/A
SEAL OIL GENERATOR SYSTEM	SO-1	0	COMP	1	COMP	1	COMP	N/A
SOUND PWRD. TEL. SYS. ADMIN. BLDG. LOOP	SPC-1		N/A	0	COMP		N/A	N/A
SOUND PWRD. TEL. SYS. COMPUTER LOOP	SPC-2		N/A	1	COMP		N/A	N/A
SOUND PWRD. TEL. SYS. - CONT. ROOM LOOP	SPC-3		N/A	2	COMP		N/A	N/A
SOUND PWRD. TEL. SYS. - TURB. BLDG. LOOP	SPC-4		N/A	4	COMP		N/A	N/A
SOUND PWRD. TEL. SYS. - SWGR, SWITCHYARD	SPC-5		N/A	2	COMP		N/A	N/A
SOUND PWRD. TEL. SYS. - RAD. MONITOR LOOP	SPC-6		N/A	1	COMP		N/A	N/A
SOUND PWRD. TEL. SYS. - CONTAIN. BLDG. LOOP	SPC-7		N/A	3	COMP		N/A	N/A
SOUND PWRD. TEL. SYS. - WASTE PROCESS BLDG.	SPC-8		N/A	2	COMP		N/A	N/A
SOUND PWRD. TEL. SYS. - PAB & EQUIP. VAULT	SPC-9		N/A	5	COMP		N/A	N/A
SOUND PWRD. TEL. SYS. - COOLING TOWER	SPC-10		N/A	2	COMP		N/A	N/A
EMERG. SWGR RM & DIESEL GEN BLDG	SPC-11		N/A	3	COMP		N/A	N/A
FUEL BLDG EMERG. FDWATER PUMPHOUSE, MS/FW	SPC-12		N/A	3	COMP		N/A	N/A
SOUND PWRD. TEL. SYS. - SAFE SHUTDOWN	SPC-13		N/A	2	COMP		N/A	N/A
SAMPLE SYSTEM	SS-1	3	PART A	11	PART A	1	PART A	*
PRT SAMPLE SYSTEM	SS-2	0		3		1	COMP	*
CVCT SAMPLE SYSTEM	SS-3	0			N/A	1	COMP	N/A
NUCLEAR POST ACCIDENT SAMPLE SYSTEM	SS-4	1		3		0		N/A
SOLID STATE PROTECTION (SENSORS & LINES)	SSPS-1		N/A	8	COMP	2	COMP	N/A
SOLID STATE PROTECTION SYSTEM	SSPS-2		N/A	9	COMP		N/A	N/A
PROCESS CONTROL 7300 NSSS RACKS	SSPS-3		N/A	2	COMP		N/A	N/A
SOLID STATE AUX. RELAY RACKS	SSPS-4		N/A	7	COMP		N/A	N/A
TURBINE GLAND EXHAUST	SSS-1	0	COMP	1	COMP	0	COMP	N/A
STEAM SEAL SUPPLY SYSTEM	SSS-2	0	COMP	1	COMP	0	COMP	N/A
SERVICE WATER TRAIN A & TURBINE BLDG.	SW-1	1	COMP	12	COMP	3	COMP	PART A
SERVICE WATER TRAIN B	SW-2	0	COMP	9	COMP	1	COMP	PART A
SERVICE WATER PUMPS	SW-3	0	COMP	7	COMP	2	COMP	*

DESCRIPTION

DESCRIPTION	BIP	REV		M	REV		E	REV	I	H
		2	1		6	1				
SERVICE WATER PUMPHOUSE HVAC COOLING TOWER VENT. SYSTEM	SWA-1 SWA-2	COMP COMP			COMP COMP			4 2	COMP COMP	N/A N/A
345 KVA SYS. (MIN. REQUIREMENTS) 345 KVA SYS. TEWKSBURY/SCOBIE LINE GENERATOR STARTUP & UAT TRANSFORMER SWITCHYARD (MISC.)	SY-1 SY-2 SY-3 SYY-1	N/A N/A N/A N/A			COMP COMP COMP COMP			1 0 0 0	COMP N/A COMP N/A	N/A N/A N/A N/A
LUBE OIL RESERVOIR EXHAUST LUBE OIL RESERVOIR EXHAUST TURBINE BLDG. BATTERY RM. VENTILATION TURBINE BLDG. BATTERY RM. VENTILATION FEEDWATER PUMP & TURBINE ROOM VENT TURBINE BLDG. VENTILATION ELECTRIC & STARTUP ROOM VENT ELEV. MACH. ROOM VENTILATION RELAY ROOM HVAC	TAH-1 TAH-1A TAH-2 TAH-2A TAH-3 TAH-5 TAH-6 TAH-7 TAH-8	COMP N/A COMP N/A COMP COMP COMP COMP COMP	1 1 1 2 4 0 2		COMP COMP COMP COMP COMP COMP COMP COMP COMP	0 0 1 0 0 1 1 0 2		0 0 0 0 2 1 0 1	COMP N/A COMP N/A COMP COMP COMP COMP COMP	N/A N/A N/A N/A N/A N/A N/A N/A N/A
TELEPHONE SYSTEM	TEL-1	N/A						4	N/A	N/A
TURBINE BOLT HEATER MAIN TURBINE	TH-1 TH-2	N/A COMP	0		COMP N/A			1	N/A N/A	N/A N/A
TURBINE SUPERVISORY	TSI-1	N/A			COMP			3	COMP	N/A
REACTOR COOLANT PUMP VIBRATION MONITORING LOOSE PARTS MONITORING SYSTEM	VB-1 VB-2	N/A N/A			COMP COMP			3 2	COMP COMP	N/A N/A
REACTOR COOLANT VENT HEADER HYDROGENATED VENT SYSTEM AERATED VENT HEADER	VG-1 VG-2 VG-3	COMP	3 2 2		COMP COMP COMP			1 3 3	N/A COMP COMP	* * *

DESCRIPTION	BIP	REV	M	REV	E	REV	I	H
WATER TREATMENT CHEM. STORAGE	WT-1	2	COMP	2	COMP	3	COMP	N/A
WATER TREATMENT PLANT	WT-2	2	COMP	3	COMP	3	COMP	N/A
WATER TREATMENT - HEAT TRACE	WT-3		N/A	1	COMP		N/A	N/A
EMERGENCY LIGHTING	XLTG-1		N/A	0			N/A	N/A

DESCRIPTION	BIP	REV	M	REV	E	REV	I	H
WASTE PROCESS BUILDING SUPPLY AIR	WAH-1	3		5			N/A	N/A
WASTE PROCESS BUILDING EXHAUST SYSTEM	WAH-2	2		4		1		N/A
BORON WASTE TANK AREA EXHAUST	WAH-3	1		2		0		N/A
CARBON DELAY AIR CONDITIONING	WAH-4	0		2		1		N/A
POLYMER STORAGE TANK AIR CONDITIONING	WAH-5	1		1		0		N/A
ELEVATOR MACHINE ROOM VENTILATION	WAH-6	0	COMP	0	COMP	0	COMP	N/A
STORAGE TANK AREA VENTILATION	WAH-7	0		2		1		N/A
HYDROGEN SURGE TANK EXHAUST	WAH-8	1	COMP	1	COMP	1	COMP	N/A
ASPHALT STORAGE ROOM VENTILATION	WAH-9	0			N/A		N/A	N/A
WASTE GAS FILTRATION AND DRYING	WG-1	3		6		3		*
WASTE GAS COMPRESSORS AND SURGE TANK	WG-2	4		4		3		*
FLOOR DRAINS, TANKS, & PUMPS	WL-1	1	COMP	3	COMP	3	COMP	*
WASTE EVAPORATOR	WL-2	2		6		4		*
WL - DEMINERALIZATION & TESTING	WL-3	4	COMP	4	COMP	4	COMP	*
RHR VAULT SUMP & ASSOC. PIP	WLD-1	2	COMP	6	COMP	3	COMP	*
RCDT & PIPING	WLD-2	6	COMP	7	COMP	2	COMP	PART A
PAB SUMP A & FILTER DRAINS	WLD-3	2			N/A		N/A	N/A
FUEL STORAGE BLDG. FLOOR DRAINS	WLD-4	0	COMP		N/A		N/A	N/A
CONTAINMENT SUMP	WLD-5	4	COMP	5		3		*
CHEMICAL DRAIN SYSTEM	WLD-6	2	COMP	4	COMP	2	COMP	*
CHROMATED WATER	WLD-7	3	COMP	1	COMP	1	COMP	*
WASTE PROCESS FLOOR DRAINS SUMP A	WLD-8	3	COMP		N/A		N/A	*
WASTE PROCESS FLOOR DRAINS SUMP B	WLD-9	2	COMP		N/A		N/A	*
WASTE PROC. DEMINERALIZER DRAIN HEADER	WLD-10	1			N/A		N/A	N/A
ADMIN. BLDG. DRAINS	WLD-11	3		4		4		*
PAB CHEMICAL DRAIN HEADER	WLD-12	1			N/A		N/A	*
SEA WATER DRAINS IN PAB	WLD-13	1	COMP		N/A		N/A	N/A
WASTE SOLIDIFICATION SYSTEM	WS-1	2		2		1		N/A
WASTE SOLID. - ASPHALT, STEAM, & EXTENDER	WS-2	1			N/A		N/A	N/A
WASTE SOLIDIFICATION - CRYSTALLIZER	WS-3	1			N/A		N/A	N/A

ATTACHMENT B

NSSS Valve Number Correlation to UE&C Tag Numbers
(Seabrook Station)

ATTACHMENT B
(Continued)

<u>Safety(1)</u> <u>System</u>	<u>NSSS Equipment Tag No.</u>	<u>Corresponding</u> <u>UE&C Tag No.</u>
CVCS	Valves (Active):	
	8100	CS-V-167
	8104	CS-V-426
	8110	CS-V-196
	8111	CS-V-197
	8112	CS-V-168
	8102A	CS-V-166
	8102B	CS-V-162
	8102C	CS-V-158
	8102D	CS-V-154
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	8105	CS-V-143
	8106	CS-V-142
	8151	CS-V-199
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	8378A	CS-V-182
	8378B	CS-V-181
	8379A	CS-V-179
	8379B	CS-V-178
	8381	CS-V-144
	8497	CS-V-213
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	8440	CS-V-192
	8481A	CS-V-209
	8481B	CS-V-200
	8546A	CBS-V-58
	8546B	CBS-V-60
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	LCV-459	RC-LCV-459
	LCV-460	RC-LCV-460
	LCV-112D	CS-LCV-112D
	LCV-112E	CS-LCV-112E
	LCV-112B	CS-LCV-112B
	LCV-112C	CS-LCV-112C
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ECCS	Valves (Active):	
	8801A, B	SI-V-138, SI-V-139
	8802A, B	SI-V-102, SI-V-77
	8803A, B	CS-V-65, CS-V-66
	8835	SI-V-114
	8821A, B	SI-V-112, SI-V-111
	8806A, B	CBS-V-47, CBS-V-51
	8804A, B	RH-V-35, RH-V-36

ATTACHMENT B
(Continued)

<u>Safety(1)</u> <u>System</u>	<u>NSSS Equipment Tag No.</u>	<u>Corresponding</u> <u>UE&C Tag No.</u>
ECCS (Continued)	Valves (Active):	
	8809A, B	RH-V-14, RH-V-26
	8840A, B	RH-V-32, RH-V-70
	8807A, B	CS-V-460, CS-V-461
	8923A, B	CBS-V-48, CBS-V-53
	8924	CS-V-475
	8812A, B	CBS-V-2, CBS-V-5
	8808A, B, C, D	SI-V-3, SI-V-17
		SI-V-32, SI-V-47
	8813	SI-V-93
	8814	SI-V-90
	8920	SI-V-89
	8841A, B	RH-V-51, RH-V-50
	8926A, B	CBS-V-48, CBS-V-52
	8818A, B, C, D	RH-V-15, RH-V-31,
		RH-V-29, RH-V-30
	8949A, B, C, D	RH-V-52, SI-V-87
		SI-V-82, RH-V-53
	8948A, B, C, D	SI-V-5, SI-V-20
		SI-V-35, SI-V-50
	8956A, B, C, D	SI-V-6, SI-V-21
		SI-V-36, SI-V-51
	8922A, B	SI-V-96, SI-V-71
	8958A, B	CBS-V-55, CBS-V-56
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Reactor Coolant	Pressurizer Safety Valves	
	8010A, B, C	RC-V-115, RC-V-116,
		RC-V-117
	Pressurizer PORVs	
	456A, B	RC-PCV-456A, RC-PCV-456B
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Reactor Coolant	Valves (Active):	
	8000A, B	RC-V-122, RC-V-124
	8028	SPARE
	8033, 8047	NG-V-36, NG-V-37
	8046	RMW-V-29
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Residual Heat Removal	Valves (Active):	
	8701A, B	RC-V-23, RC-V-87
	8702A, B	RC-V-88, RC-V-89
	8716A, B	RH-V-22, RH-V-21
	8730A, B	RH-V-4, RH-V-40
	0610, 0611	RH-FCV-610, RH-FCV-611

ATTACHMENT B
(Continued)

Notes

1. Safety System designation used corresponds to that used in the short forms for these items.
2. For instrumentation, the plant tag numbers are the same as given on the Westinghouse (NSS) short forms if one adds the Plant System prefixes before each Westinghouse tag number.

ATTACHMENT C

Active NSS Pumps
(Seabrook Station)

1. Centrifugal Charging Pump and Motor CS-P-2A, CS-P-2B.
2. Boric Acid Transfer Pump and Motor CS-P-3A, CS-P-3B.
3. High Head SIS Pump and Motor SI-P-6A, SI-P-6B.
4. RHR Pump and Motor RH-P-81, RH-P-8B.