

NIAGARA MOHAWK POWER CORPORATION
NINE MILE POINT - UNIT 2
SEISMIC/HYDRODYNAMIC QUALIFICATION
MASTER LIST

8504180063 850412
PDR ADCK 05000410
A PDR



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Introduction

The master listing of seismic and dynamic qualification summary and status of safety-related equipment includes all QA Category I equipment for which seismic qualification documentation must be provided.

Excluded from this listing are the following:

1. Rupture disk assemblies, RTD thermowells, flexible metal hoses, manual valves, and expansion joints.
2. Equipment supports - piping, tubing, and instrumentation supports, and pipe rupture restraints.
3. Electrical cable.
4. Spare items.

Equipment ID

In general, the equipment ID consists of Unit No. (2 for Nine Mile Point - Unit 2), system code (three-character system code followed by an asterisk (*)), and equipment code (one- to four-character equipment code, followed by a numeric ID). See SWEC Corporate Standards Nos. C1 and C3 for definitions.

Equipment

Description: Description of equipment or its service

Manufacturer: Name of prime vendor

Spec. No.: Specification Number (last five characters only; NMP2-portion is dropped)

Location

Bldg: Building in which item is located (see attachment for building codes)

Elev: Elevation

Mtg: Mounting Condition

CF - for concrete floor mounting
DW - for concrete wall mounting
DM - for direct mounting
HM - for hanger mounting
RM - for rack mounting
CM - for cabinet mounting
EM - for equipment mounting
LM - for line mounting



Loads

Seis: Indicate if seismic loads are applicable.

Y - Yes

~~NA~~ - Not Applicable

Hydr: Indicate if hydrodynamic loads are applicable.

Y - Yes

NA - Not Applicable

Qual Meth (Qualification Method)

Anlys: Analysis

S - Static

D - Dynamic

NA - Not Applicable

Test: SF - Single Frequency
MF - Multiple Frequency
NA - Not Applicable
SO - Static Operability

Nat Freq Lowest: Lowest Natural Frequency

Status: Indicate status of qualification and installation.

Qual: Qualification status

Code A: The qualification and associated documentation are complete.

Code B: The qualification test/analysis is completed, but associated documentation is not yet approved or is still in review.

Code C: The qualification plan/procedure is documented, but testing has not yet begun.

Code D: Equipment to be qualified (new equipment added).

Inst: Installation status

Code Y: Physical installation is complete. (see attachment)

RRS Ref: Reference to required response spectra (RRS) number applicable for the respective equipment.



Installation

The equipment is considered installed if:

1. It is put in place and anchored in accordance with the installation drawings.
2. Connections with piping and/or duct as applicable are completed.
3. External electrical connections are completed, i.e., cables from conduit and/or cable trays are terminated at the equipment.

NOTE: Equipment need not be in a condition to be energized.

4. All the subassemblies are in place and are interconnected in accordance with the manufacturer drawing.



NINE MILE POINT NUCLEAR STATION - UNIT 2

<u>Building</u>	<u>Building Code</u>
Auxiliary Boiler Building	ABB
Auxiliary Bay - North	ABN
Auxiliary Bay - South	ABS
Auxiliary Service Building	ASB
Control Building	CB
Condensate Storage Tank Building	CS
Demineralizer Water and Neutron Tank Building	DA
Diesel Generator Building	DG
Electrical Bay	EB
Electrical Tunnel - North	ETN
Electrical Tunnel - South	ETS
Heater Bay	HB
Intake Discharge Shaft Building	ITK
Main Steam Tunnel	MST
Normal Switchgear Building	NS
Pipe Tunnel	PT
Primary Containment	PC
RPV Shell	PC
Drywell Floor	PC
Basemat	PC
Biological Shield Wall	PC
Pedestal	PC
Reactor Building (Secondary Containment)	RB
Radwaste Building	RW
Screenwell Building	SA
Service Building	SB
Standby Gas Treatment Building	SG
Turbine Building	TB
Turbine Supports	TS





KEY PLAN
CONSTRUCTION MANAGEMENT AREA DESIGNATION
N.T.S.



STANDARD C3

EQUIPMENT IDENTIFICATION CODES

1. PURPOSE - The one (1) to four (4) letter code identifies power plant equipment.
2. SCOPE - The codes are applicable to Power Industries Group projects.
3. APPLICATION - The codes are used in all project documents.
4. CUSTODIAN - The Control Systems Division, Stone & Webster Engineering Corporation, Boston, is responsible for code maintenance.
5. DISTRIBUTION - The Computer Department, Stone & Webster Engineering Corporation, Boston, maintains the code in computer files.

FORMAT AND APPLICATION OF
EQUIPMENT IDENTIFICATION NUMBERS

- A. GENERAL - Equipment must be identifiable by a simple yet meaningful method in order to allow control during all phases of plant design and construction.

This document, in conjunction with the Corporate Standard for Power Plant System Codes (C-1), provides the basis for the application of Stone & Webster Equipment Identification Numbers (EI Nos).

- B. PROCEDURE - Equipment Identification Numbers must be used in all project documents such as specifications, drawings, computer files. The EI No is formatted as follows:

1 2 3 4 5 6 7 8 9 10 11 12 CHARACTERS MAX

ICWS-IPNL12A

1. Unit Number - The first character is always the unit number. If the number of units exceeds nine (9), a unique system can be developed dependent on station configuration. Equipment that is common to more than one unit, such as switchyards, is identified with a zero (0).

2. System Code - The system code is selected from C-1.
3. Divider - The fifth character divides the EI No for easier reading. Nuclear safety related equipment is divided by an asterisk (*), all other equipment by a dash (-).
4. Equipment Code - The equipment code is selected from this standard, and may consist of one, two, three or four letters. The code is intended to be generic and no attempt should be made to define different species of generic equipment.

Codes may not be combined to create new codes in the same EI No.

5. Equipment Identifier - This part of the EI No uniquely identifies similar items within a system. The first character must be a numeral. The remaining characters may be numbers or letters. Letters should be used to convey information pertaining to two or more pieces of equipment performing the same function.

As a minimum, one numeral may appear as an equipment identifier. A maximum of six characters is possible in cases where the equipment code consists of only one letter.



EQUIPMENT EXCEPT INSTRUMENTS

ACB	CIRCUIT BREAKER, AIR
ACD	AIR CONTROL DEVICE
ACH	CHAMBER, AIR
ACT	ACTUATOR
ACU	AIR CONDITIONING UNIT
ACUS	AIR CONDITIONING UNIT, SELF CONTAINED
AD	ANODE
ADS	ADSORBER
AF	ARRESTOR, FLAME
AHU	AIR HANDLING UNIT
AMPL	AMPLIFIER
ANT	ANTENNA
AOD	DAMPER, AIR OPERATED
AOL	LOUVER, AIR OPERATED
AP	PANEL, ACCESS
APH	PREHEATER, AIR
ARV	AIR RELEASE VALVE
ASP	SEPARATOR, AIR
B	BOILER
BAT	BATTERY
BD	BUS DUCT
BKR	BREAKER
BL	BLENDER
BO	SOIL BORING
BPD	POTENTIAL DEVICE, BUSHING
BTC	TEST CABINET, BREAKER
BUS	BUS
C	COMPRESSOR
CAB	CABINET
CABP	CABINET, PENETRATION
CAP	CAPACITOR (ELECTRICAL)
CB	CATCH BASIN
CBV	VALVE, CONTINUOUS BLOWDOWN
CCT	TEST, CONCRETE COMPRESSION
CH	COIL, HEATER
CHGR	CHARGER, BATTERY
CHL	CHILLER, LIQUID
CHUT	CHUTE
CIV	COMBINED INTERMEDIATE VALVE
CLC	COIL, COOLING
CLR	CLARIFIER
CND	CONDENSER (MECHANICAL)
CNDT	CONDITIONER
CNSL	CONSOLE
CNV	CONVEYOR
CO	CLEANOUT
COLL	COLLECTOR
COOL	COOLER
CP	COMPUTER
CPD	POTENTIAL DEVICE, COUPLING TYPE
CRH	CRUSHER
CRN	CRANE OR HOIST
CSK	CASK



EQUIPMENT EXCEPT INSTRUMENTS

CUB	CUBICLE,ELECTRICAL
CUR	CONDENSING UNIT, REFRIGERANT
CVV	CONVEYANCE VEHICLE (DOLLY,HANDTRUCK,ETC)
CWS	SEAL, WATER CAVITY
CYL	CYLINDER
D	DRUM
DA	DEAERATOR
DCL	COOLER,DRAIN
DEH	DEHUMIDIFIER
DEMN	DEMINERALIZER
DESH	DESUPERHEATER
DIFF	DIFFUSER
DMP	DAMPER
DMPF	DAMPER,FIRE
DMST	DEMISTER
DNF	DRAIN,FLOOR
DNR	DRAIN,ROOF
DO	DOOR
DRA	DOOR,ACCESS
DRY	DRYER
DTH	TEST HOLE, DUCT
DWC	COOLER,DRINKING WATER
E	EXCHANGER,HEAT
ED	DRAIN,EQUIPMENT
EDU	EDUCTOR
EFV	VALVE,EXCESS FLOW
EG	ENGINE GENERATOR
EJ	JOINT, EXPANSION
EL	ELEVATOR
ENC	ENCAPSULATION
ENG	ENGINE
EV	EVAPORATOR
EXC	EXCITER
FCD	CLEANOUT,FLOOR
FDR	FEEDER
FHR	REEL,FIRE HOSE
FHY	HYDRANT,FIRE
FL	FLANGE
FLI	FLANGE,INSULATING
FLS	FLANGE,SPECTACLE
FLT	FILTER
FLTM	FILTER,MOTOR OPERATED
FLTT	FILTER, AIR, TEMPORARY
FLU	FILTER TRAIN
FN	FAN
FO	ORIFICE,FLOW
FP	CONNECTION,FLOW
FPV	FIRE PROTECTION VALVE
FSU	SPLITTER UNIT, FLOW
FTG	FITTING,PIPE OR SHT. MTL. DUCT
FUN	FUNNEL
FUR	FURNACE
FX	VANES,STRAIGHTENING



EQUIPMENT EXCEPT INSTRUMENTS

G	GENERATOR
GA	EQUIPMENT, GARAGE
GATE	GATE
GCR	GAS RECYCLE UNIT, CRYOGENIC
GDB	GRINDER
GEAR	GEAR, DRIVE
GL	GENERATOR LEADS
GLC	COOLER, GENERATOR LEADS
GRL	GRILLE
GRU	GAS REMOVAL UNIT
H	HEATER
HD	HOOD
HDS	SWITCH, DISCONNECT, HAND OPERATED
HDST	HAND OR HEADSET
HH	HANDHOLE
HOSE	HOSE, ALL TYPES
HR	RACK, HOSE
H/A	SWITCH, CONTROL, HAND AUTOMATIC
HS	SWITCH, HAND
HSS	SWITCH, HAND SELECTOR
HUM	HUMIDIFIER
HVU	UNIT, HEATING & VENTILATING
IB	INLET BASIN
ICV	CONNECTION, VACUUM CLEANING
IND	INDUCTOR
INV	INVERTER
IOE	EXCHANGER, ION
IPB	BUS, ISOLATED PHASE
IPNL	PANEL, INSTRUMENT
J	EJECTOR
JB	BOX, JUNCTION
JIS	JET IMPINGEMENT SHIELD
JK	JACK, JACK PANEL
KIE	EQUIPMENT, KITCHEN
KYBD	KEYBOARD
LAV	LAVATORY
LDC	LOAD CENTER
LFT	LIFTING EQUIPMENT
LNK	LINER
LTA	ARRESTOR, LIGHTNING
LTR	ROD, LIGHTNING
LTRY	ROD, LIGHTNING, SWITCHYARD
LTU	TUNER, LINE
LVR	LOUVER, NONPOWERED
LVRE	LOUVER ELECTRICAL
M	MOTOR, ELECTRIC
MCB	MAIN CONTROL BOARD
MCC	MOTOR CONTROL CENTER
MCS	MOTOR CONTROL CENTER, SPECIAL
MCV	MAIN CONTROL VALVE, TURBINE
MDS	SWITCH, DISCONNECT, MOTOR OPERATED
MFD	MANIFOLD
MG	MOTOR GENERATOR



EQUIPMENT EXCEPT INSTRUMENTS

MH	MAN HOLE
MIKE	MICROPHONE
MIX	MIXER
MIXB	BOX, MIXING
MIXP	MIXER, FORWARDING
MOD	DAMPER, MOTOR OPERATED
MOL	LOUVER, MOTOR OPERATED
MOV	VALVE, MOTOR OPERATED
MSP	MOISTURE SEPARATOR
MST	STARTER, MAGNETIC
MSV	MAIN STOP VALVE, TURBINE
NOZ	NOZZLE
NRV	VALVE, NON-RETURN
NSA	ASSEMBLY, NEUTRON SOURCE
OCB	CIRCUIT BREAKER, OIL
ODR	ODORIZER
OSC	OSCILLOGRAPH
OV	SIGHT OVERFLOW
OWR	OXYGEN & WATER REMOVAL UNIT
P	PUMP
PB	STARTER, MANUAL (PUSH BUTTON W OR W/O IND LTS)
PH	PIPE HANGER
PHD	POTHEAD
PIL	PILINGS FOUNDATION
PLAT	PLATFORM
PLC	POLE, COMMUNICATIONS
PLP	POLE, POWER
PNL	PANEL
PP	PIPING
PRE	PRESSURIZER
PREC	PRECIPITATOR
PRR	PIPE RUPTURE RESTRAINT (SNUBBERS)
PSA	PIPE SUPPORT ANCHOR
PSG	PIPE SUPPORT GUIDE
PSR	PIPE SUPPORT RESTRAINT
PSRH	PIPE SUPPORT ROD
PSS	PIPE SUPPORT SLIDING
PSSH	PIPE SUPPORT SPRING
PSSP	PIPE SUPPORT SUPPRESSOR
PSST	PIPE SUPPORT STRUT
PULV	PULVERIZER (COAL)
PUR	PURIFIER
PWRS	POWER SUPPLY
R	REGISTER
RAK	RACK OR STORAGE STAND
RBNR	RECOMBINER
RBRS	RADIAL SHEAR BAR ASSEMBLIES
RBW	WELD REINFORCING BAR
RCP	REACTOR CONTAINMENT PENETRATION
RCPT	POWER RECEPTACLE
RDMA	ROD DRIVE MECHANISM, PART LENGTH
RDMF	ROD DRIVE MECHANISM, FULL LENGTH
RECT	RECTIFIER



EQUIPMENT EXCEPT INSTRUMENTS

REF	REFRIGERATION UNIT
REG	REGULATOR
REN	REGENERATOR
RES	RESISTOR
REV	REACTOR VESSEL
RFV	VENTILATOR, ROOF, GRAVITY
RHE	RHEOSTAT
RIV	REHEAT INTERCEPT VALVE, TURBINE
RLY	RELAY
RODA	REACTOR ROD, PART LENGTH
RODF	REACTOR ROD, FULL LENGTH
RODP	REACTOR ROD, POISONING
RSV	REHEAT STOP VALVE, TURBINE
RTB	RESTRICTING TUBE
SAS	SINK, SAMPLE
SCA	SCALE, WEIGHING
SCAC	SELF CLEANING AIR CLEANER
SCB	BASKET, COLLECTION, TRASH, SCREENWELL
SCL	COOLER, SAMPLE
SER	RESERVOIR, EVAPORATION SUPPRESSION
SEW	SAFETY EYE WASH
SG	STEAM GENERATOR
SH	SUPERHEATER, ELECTRIC OR OIL FIRED
SHLD	SHIELDING
SHRD	ROD DRIVE MECHANISM, AIR COOLING SHROUD
SIL	SILENCER (INLET OR EXHAUST)
SILO	SILO
SIRN	SIREN
SKD	SKID
SKIM	SKIMMER
SL	SLING
SLU	LIFT UNIT, SEWERAGE
SMPT	SAMPLE POINT
SO	SCREENED OPENING
SOT	TEST, SOIL COMPACTION
SP	SEPARATOR
SPKR	LOUD SPEAKER
SRK	RAKES, SCREENWELL
SSC	SCREEN, TRAVELING
SSH	SHOWER
SSK	SINK, SERVICE
SSP	SURGE SUPPRESSOR, VOLUME CHAMBER
SSR	RACK, SCREENWELL
STAK	STACK OR CHIMNEY
STR	STRAINER, PERMANENT
STRF	STRAINER, SYSTEM FLUSH
STRT	STRAINER, TEMPORARY
STU	TREATMENT UNIT, SEWERAGE
SUMP	SUMP
SUP	SUPPORT, EQUIPMENT
SW	SWITCH
SWC	SWITCH, INDICATION AND CONTROL
SWG	SWITCHGEAR



EQUIPMENT EXCEPT INSTRUMENTS

SWS	SWITCH, SAFETY
T	TURBINE
TB	BOX, TERMINAL
TBK	BLOCK, TERMINAL
TBE	LUGS, TERMINAL
TD	TEMPERATURE DAMPER
TEL	TELEPHONE
TFT	TUBE, FUEL TRANSFER
TG	TURBINE, GAS
TH	THERMOSTAT
TK	TANK
TL	TOOL
TP	TEMPERATURE POINT
TRP	TRAP
TRS	SWITCH, TRANSFER
TVC	TELEVISION CAMERA
TVM	TELEVISION MONITOR
TW	THERMOWELL
TWR	TOWER
TX	POWER CONTROLLER, MODULATING
UC	COOLER, UNIT
UH	HEATER, UNIT
UHE	HEATER, UNIT, ELECTRIC
URN	URINAL
US	UNIT SUBSTATION
UV	UNIT VENTILATOR
V	VALVES (NON POWERED)
VAR	REACTIVE POWER
VEX	VALVE, EXPLOSIVE
WB	BALER (SOLID WASTE)
WC	WATER CLOSET
WCH	CEMENT HOPPER (SOLID WASTE)
WDR	DRUM ROLLER (SOLID WASTE)
WDW	WINDOW
WF	WASH FOUNTAIN
WH	WHISTLE
WVT	WAVE TRAP , ELECTRICAL
WW	WIREWAY (RACEWAY)
X	TRANSFORMER
XA	TRANSFORMER AUXILIARIES
XC	TRANSFORMER CURRENT
XCA	TRANSFORMER CURRENT AUXILARY
XD	TRANSFORMER DRISTRIBUTION
XG	TRANSFORMER GROUNDING
XL	TRANSFORMER LIGHTING
XM	TRANSFORMER MAIN
XNS	TRANSFORMER NORMAL STATION SERVICE
XP	TRANSFORMER POTENTIAL
XRC	TRANSFORMER REGULATING CONTROL
XS	TRANSFORMER STATION SERVICE
XSR	TRANSFORMER STATION RESERVE
Z	PENETRATION



INSTRUMENTS ONLY

A	ANALYZER	INST
AA	ALARM, ANALYZER	INST
AC	CONTROLLER, ANALYZER	INST
ACV	VALVE, CONTROL, ANALYZER, SELF ACTUATED	INST
AE	ANALYZER ELEMENT	INST
AI	INDICATOR, ANALYZER	INST
AIC	CONTROLLER, INDICATING, ANALYZER	INST
AIT	TRANSMITTER, INDICATING, ANALYZER	INST
AL	ALARM, AUDIBLE	INST
A/M	AUTOMATIC-MANUAL STATION	INST
ANN	ANNUNCIATOR	INST
AOV	VALVE, AIR OPERATED	INST
AR	RECORDER, ANALYZER	INST
ARC	CONTROLLER, RECORDING, ANALYZER	INST
AS	SWITCH, ANALYZER	INST
AT	TRANSMITTER, ANALYZER	INST
ATV	VALVE, TRIP, AIR OPERATED	INST
AV	VALVE, ANALYZER	INST
BE	DETECTOR ELEMENT, BURNER FLAME	INST
BI	INDICATOR, BURNER FLAME	INST
BS	SWITCH, BURNER	INST
CC	CONTROLLER, CONDUCTIVITY	INST
CE	CONDUCTIVITY ELEMENT	INST
CI	INDICATOR, CONDUCTIVITY	INST
CIC	CONTROLLER, INDICATING, CONDUCTIVITY	INST
CR	RECORDER, CONDUCTIVITY	INST
CRC	CONTROLLER, CONDUCTIVITY RECORDER	INST
CRS	SWITCH, CONDUCTIVITY RECORDER	INST
CS	SWITCH, CONDUCTIVITY	INST
CT	TRANSMITTER, CONDUCTIVITY	INST
CTV	VALVE, CONTAINMENT, TRIP	INST
CV	VALVE, CONDUCTIVITY	INST
DC	CONTROLLER, DENSITY	INST
DCV	VALVE, CONTROL, DENSITY	INST
DE	DENSITY ELEMENT	INST
DI	INDICATOR, DENSITY	INST
DIC	CONTROLLER, INDICATING, DENSITY	INST
DIT	TRANSMITTER, INDICATING, DENSITY	INST
DL	DELAY COIL	INST
DR	RECORDER, DENSITY	INST
DRC	CONTROLLER, RECORDING, DENSITY	INST
DS	SWITCH, DENSITY	INST
DSH	SWITCH, DENSITY, HIGH	INST
DSL	SWITCH, DENSITY, LOW	INST
DSPL	DISPLAY, CRT	INST
DT	TRANSMITTER, DENSITY	INST
DV	VALVE, DENSITY	INST
DX	SOURCE, DENSITY	INST
EI	INDICATOR, VOLTAGE	INST
ER	RECORDER, VOLTAGE	INST
ET	TRANSMITTER, VOLTAGE	INST
E/E	REPEATER	INST
E/H	CONVERTER, VOLTAGE TO HYDRAULIC	INST



INSTRUMENTS ONLY

E/I	CONVERTER, VOLTAGE TO CURRENT	INST
E/P	CONVERTER, VOLTAGE TO PNEUMATIC	INST
ES	SWITCH, VOLTAGE (COMPARATOR)	INST
ESH	SWITCH, VOLTAGE, HIGH	INST
ESL	SWITCH, VOLTAGE, LOW	INST
FA	ALARM, FLOW	INST
FC	CONTROLLER, FLOW	INST
FCV	VALVE, CONTROL, FLOW, SELF ACTUATED	INST
FD	DETECTOR, FIRE OR HEAT	INST
FE	FLOW ELEMENT	INST
FG	GLASS, FLOW	INST
FI	INDICATOR, FLOW	INST
FIC	CONTROLLER, INDICATING, FLOW	INST
FIS	SWITCH, INDICATING, FLOW	INST
FIT	TRANSMITTER, INDICATING, FLOW	INST
FQI	INDICATOR, QUANTITY, FLOW	INST
FR	RECORDER, FLOW	INST
FRC	CONTROLLER, RECORDING, FLOW	INST
FRIC	CONTROLLER, INDICATING, RECORDING, FLOW	INST
FS	SWITCH, FLOW	INST
FSH	SWITCH, FLOW, HIGH	INST
FSL	SWITCH, FLOW, LOW	INST
FT	TRANSMITTER, FLOW	INST
FV	VALVE, FLOW	INST
FY	RELAY, COMPUTING, SELECTING OR BOOSTER	INST
GC	CONTROLLER, GAGING	INST
GCY	RELAY, GAGING CONTROL	INST
GE	GAGING ELEMENT	INST
GI	INDICATOR, GAGING	INST
GIC	CONTROLLER, INDICATING, GAGING	INST
GNDS	SWITCH, GROUND	INST
GR	RECORDER, GAGING	INST
GRC	CONTROLLER, RECORDING, GAGING	INST
GS	SWITCH, GAGING	INST
GSH	SWITCH, GAGING, HIGH	INST
GSL	SWITCH, GAGING, LOW	INST
GT	TRANSMITTER, GAGING	INST
GV	VALVE, GAGING	INST
GX	SOURCE, GAGING	INST
HC	CONTROLLER, HAND	INST
HCV	VALVE, CONTROL, HAND	INST
HIC	CONTROLLER, INDICATING, HAND	INST
HICV	VALVE, CONTROL, INDICATING, HAND	INST
HOV	VALVE, HAND OPERATED	INST
HSV	VALVE, SELECTOR, HAND	INST
HV	VALVE, HAND	INST
HYV	VALVE, HYDRAULICALLY OPERATED	INST
IC	CONTROLLER, CURRENT	INST
IE	CURRENT ELEMENT	INST
II	INDICATOR, CURRENT	INST
IIC	CONTROLLER, INDICATING, CURRENT	INST
IL	INDICATOR LIGHT	INST
IR	RECORDER, CURRENT	INST



INSTRUMENTS ONLY

IRC	CONTROLLER, RECORDING, CURRENT	INST
I/H	CONVERTER, CURRENT TO HYDRAULIC	INST
I/E	CONVERTER, CURRENT TO VOLTAGE	INST
I/I	REPEATER, CURRENT	INST
I/P	CONVERTER, CURRENT TO PNEUMATIC	INST
IS	SWITCH, CURRENT	INST
ISH	SWITCH, CURRENT, HIGH	INST
ISL	SWITCH, CURRENT, LOW	INST
IT	TRANSMITTER, CURRENT	INST
JFI	INDICATOR, POWER FACTOR	INST
JFR	RECORDER, POWER FACTOR	INST
JI	INDICATOR, POWER	INST
JR	RECORDER, POWER	INST
JT	TRANSMITTER, POWER	INST
KC	CONTROLLER, TIME SCHEDULE	INST
KCS	PROGRAMMER (STEPPING SWITCH)	INST
KI	INDICATOR, TIME	INST
KS	SWITCH, TIME	INST
KSI	TIMER, INTERVAL	INST
KT	TRANSMITTER, TIME	INST
LA	ALARM, LEVEL	INST
LC	CONTROLLER, LEVEL	INST
LCV	VALVE, CONTROL, LEVEL, SELF ACTUATED	INST
LE	LEVEL ELEMENT	INST
LG	GLASS, LEVEL	INST
LGA	ALARM, LEVEL GLASS	INST
LI	INDICATOR, LEVEL	INST
LIC	CONTROLLER, LEVEL, INDICATING	INST
LIS	LEVEL INDICATING SWITCH	INST
LIT	TRANSMITTER, INDICATING, LEVEL	INST
LMTS	SWITCH, LIMIT	INST
LR	RECORDER, LEVEL	INST
LRC	CONTROLLER, RECORDING, LEVEL	INST
LS	SWITCH, LEVEL	INST
LSH	SWITCH, LEVEL, HIGH	INST
LSL	SWITCH, LEVEL, LOW	INST
LT	TRANSMITTER, LEVEL	INST
LTC	CONTROLLER, TRANSMITTING, LEVEL	INST
LV	VALVE, LEVEL	INST
LX	SOURCE, LEVEL	INST
LY	RELAY, LEVEL, COMPUTING, SELECTING OR BOOSTER	INST
LZ	DRIVE, LEVEL	INST
MC	CONTROLLER, MOISTURE	INST
ME	MOISTURE ELEMENT	INST
MI	INDICATOR, MOISTURE	INST
MIC	CONTROLLER, INDICATOR, MOISTURE	INST
MR	RECORDER, MOISTURE	INST
MRC	CONTROLLER, RECORDER, MOISTURE	INST
MS	SWITCH, MOISTURE	INST
MSH	SWITCH, MOISTURE, HIGH	INST
MSL	SWITCH, MOISTURE, LOW	INST
MT	TRANSMITTER, MOISTURE	INST
MV	VALVE, MOISTURE	INST



INSTRUMENTS ONLY

NBA	ALARM,VIBRATION	INST
NBE	VIBRATION ELEMENT	INST
NBI	INDICATOR,VIBRATION	INST
NBR	RECORDER,VIBRATION	INST
NBS	SWITCH,VIBRATION	INST
NBT	TRANSMITTER,VIBRATION	INST
NNA	ALARM,ECCENTRICITY	INST
NNE	ECCENTRICITY ELEMENT	INST
NNI	INDICATOR,ECCENTRICITY	INST
NNR	RECORDER,ECCENTRICITY	INST
NNS	SWITCH,ECCENTRICITY	INST
NNT	TRANSMITTER,ECCENTRICITY	INST
NXA	ALARM,EXPANSION	INST
NXE	EXPANSION ELEMENT	INST
NXI	INDICATOR,EXPANSION	INST
NXR	RECORDER,EXPANSION	INST
NXS	SWITCH,EXPANSION	INST
NXT	TRANSMITTER,EXPANSION	INST
PA	ALARM,PRESSURE	INST
PC	CONTROLLER,PRESSURE	INST
PCV	VALVE,CONTROL,PRESSURE,SELF ACTUATED	INST
PDCV	VALVE,CONTROL,PRESSURE DIFFERENTIAL,SELF. ACT	INST
PDI	INDICATOR,PRESSURE DIFFERENTIAL	INST
PDIC	CONTROLLER,INDICATING,PRESSURE DIFFERENTIAL	INST
PDIS	SWITCH,INDICATING,PRESSURE DIFFERENTIAL	INST
PDIT	TRANSMITTER,INDICATING,PRESSURE DIFFERENTIAL	INST
PDR	RECORDER,PRESSURE DIFFERENTIAL	INST
PDRC	CONTROLLER,RECORDING,PRESSURE DIFFERENTIAL	INST
PDRS	SWITCH,RECORDING,PRESSURE DIFFERENTIAL	INST
PDS	SWITCH,PRESSURE DIFFERENTIAL	INST
PDT	TRANSMITTER,PRESSURE DIFFERENTIAL	INST
PE	PRESSURE ELEMENT	INST
PI	INDICATOR,PRESSURE	INST
PIC	CONTROLLER,INDICATING,PRESSURE	INST
PIS	SWITCH,INDICATING,PRESSURE	INST
PISH	SWITCH,INDICATING,PRESSURE,HIGH	INST
PISL	SWITCH,INDICATING,PRESSURE,LOW	INST
PIT	TRANSMITTER,INDICATING,PRESSURE	INST
PR	RECORDER,PRESSURE	INST
PRC	CONTROLLER,RECORDING,PRESSURE	INST
P/I	CONVERTER,PNEUMATIC TO CURRENT	INST
PS	SWITCH,PRESSURE	INST
PSE	RUPTURE DISC	INST
PSH	SWITCH,PRESSURE,HIGH	INST
PSL	SWITCH,PRESSURE,LOW	INST
PSV	VALVE,PRESSURE,POWERED	INST
PT	TRANSMITTER,PRESSURE	INST
PTR	PRINTER	INST
PV	VALVE,PRESSURE	INST
PY	RELAY,COMPUTING,SELECTING OR BOOSTER,LEVEL	INST
QE	SOURCE,EVENT	INST
QQI	INDICATOR,COUNTING	INST
QQR	RECORDER,COUNTER	INST



INSTRUMENTS ONLY

QQS	SWITCH,COUNTER (IMPULSE COUNTER)	INST
QS	SWITCH,QUANTITY OR EVENT	INST
QX	SOURCE,QUANTITY	INST
RC	CONTROLLER,RADIOACTIVITY	INST
RE	RADIOACTIVITY ELEMENT, PRIMARY	INST
RI	INDICATOR,RADIOACTIVITY	INST
RIC	CONTROLLER,INDICATING,RADIOACTIVITY	INST
RO	ORIFICE,RESTRICTION	INST
RQ	RADIOACTIVITY ELEMENT	INST
RR	RECORDER,RADIOACTIVITY	INST
RRC	CONTROLLER,RECORDING,RADIOACTIVITY	INST
RS	SWITCH,RADIOACTIVITY	INST
RSH	SWITCH,RADIOACTIVITY,HIGH	INST
RSL	SWITCH,RADIOACTIVITY,LOW	INST
RT	TRANSMITTER,RADIOACTIVITY	INST
RTD	RESISTANCE TEMPERATURE DETECTOR	INST
RV	VALVE,RELIEF	INST
SC	CONTROLLER,SPEED	INST
SD	DETECTOR, SMOKE	INST
SI	INDICATOR,SPEED	INST
SIC	CONTROLLER,INDICATING,SPEED	INST
SOV	VALVE,SOLENOID	INST
SR	RECORDER,SPEED	INST
SRC	CONTROLLER,RECORDING,SPEED	INST
ST	TRANSMITTER,SPEED	INST
STV	VALVE,TRIP SOLENOID	INST
SV	VALVE,SAFETY	INST
TA	ALARM,TEMPERATURE	INST
TC	CONTROLLER,TEMPERATURE	INST
TCV	VALVE,CONTROL,TEMPERATURE,SELF ACTUATED	INST
TDI	INDICATOR,TEMPERATURE DIFFERENTIAL	INST
TDR	RECORDER,TEMPERATURE DIFFERENTIAL	INST
TDT	TRANSMITTER,TEMPERATURE DIFFERENTIAL	INST
TE	TEMPERATURE ELEMENT, PRIMARY	INST
TI	INDICATOR,TEMPERATURE	INST
TIC	CONTROLLER,INDICATING,TEMPERATURE	INST
TIS	SWITCH,INDICATING,TEMPERATURE	INST
TISH	SWITCH,INDICATING,TEMPERATURE,HIGH	INST
TISL	SWITCH,INDICATING,TEMPERATURE,LOW	INST
TIT	TRANSMITTER,INDICATING,TEMPERATURE	INST
TJI	INDICATOR,TEMPERATOR SCAN	INST
TJR	RECORDER,TEMPERATURE SCAN	INST
TQS	SWITCH,TORQUE	INST
TR	RECORDER,TEMPERATURE	INST
TRC	CONTROLLER,RECORDING,TEMPERATURE	INST
T/C	THERMOCOUPLE	INST
TS	SWITCH,TEMPERATURE	INST
TSH	SWITCH,TEMPERATURE,HIGH	INST
TSL	SWITCH,TEMPERATURE,LOW	INST
TT	TRANSMITTER,TEMPERATURE	INST
TV	VALVE,TEMPERATURE	INST
TY	RELAY,COMPUTING,SELECTING OR BOOSTER,TEMPERATURE	INST
UA	ALARM,UNIT	INST



INSTRUMENTS ONLY

UI	INDICATOR,UNIT	INST
UR	RECORDER,UNIT	INST
VC	CONTROLLER,VISCOSITY	INST
VE	VISCOSITY ELEMENT	INST
VI	INDICATOR,VISCOSITY	INST
VIC	CONTROLLER,INDICATING,VISCOSITY	INST
VM	VOLTMETER	INST
VR	RECORDER,VISCOSITY	INST
VRC	CONTROLLER,RECORDING,VISCOSITY	INST
S	SWITCH,VISCOSITY	INST
VSH	SWITCH,VISCOSITY,HIGH	INST
VSL	SWITCH,VISCOSITY,LOW	INST
VSR	RELAY,VOLTAGE-SENSITIVE	INST
VT	TRANSMITTER,VISCOSITY	INST
VV	VALVE,VISCOSITY	INST
WCT	CONTROLLER,WEIGHT	INST
WCV	VALVE,CONTROL,WEIGHT,SELF ACTUATED	INST
WDE	WEIGHT DIFFERENTIAL ELECTRICAL	INST
WDP	WEIGHT DIFFERENTIAL PNEUMATIC	INST
WI	INDICATOR,WEIGHT	INST
WIC	CONTROLLER,INDICATING,WEIGHT	INST
WIT	TRANSMITTER,INDICATING,WEIGHT	INST
WM	WATTMETER	INST
WMI	INDICATOR,WATT	INST
WMR	RECORDER,WATT	INST
WMS	SWITCH,WATT	INST
WMX	COUNTER,WATT	INST
WR	RECORDER,WEIGHT	INST
WRC	CONTROLLER,RECORDING,WEIGHT	INST
WS	SWITCH,WEIGHT	INST
WSH	SWITCH,WEIGHT,HIGH	INST
WSL	SWITCH,WEIGHT,LOW	INST
WT	TRANSMITTER,WEIGHT	INST
WV	VALVE,WEIGHT	INST
XR	RECORDER	INST
ZC	CONTROLLER,POSITION	INST
ZDE	POSITION ELEMENT, DIFFERENTIAL (DIFF EXPANSION)	INST
ZDI	INDICATOR,POSITION DIFFERENTIAL	INST
ZDR	RECORDER,POSITION DIFFERENTIAL	INST
ZDT	TRANSMITTER,POSITION DIFFERENTIAL	INST
ZE	POSITION ELEMENT,PRIMARY	INST
ZI	INDICATOR,POSITION	INST
ZIC	CONTROLLER,INDICATING,POSITION	INST
ZR	RECORDER,POSITION	INST
ZRC	CONTROLLER,RECORDING,POSITION	INST
ZS	SWITCH,POSITION	INST
ZSH	SWITCH,POSITION,HIGH	INST
ZSL	SWITCH,POSITION,LOW	INST
ZT	TRANSMITTER,POSITION	INST
ZU	DRIVE,CONTROL	INST
ZUM	DRIVE,CONTROL,MOTOR DRIVEN	INST
ZUP	DRIVE CONTROL,PNEUMATIC	INST



C)

STANDARD C1
POWER PLANT SYSTEM CODES

1. PURPOSE - The 3-letter code identifies Power Plant Systems.
2. SCOPE - The codes are applicable to Power Industries Group projects.
3. APPLICATION - Power Plant System Codes are used in all project documents. Code applicability to project types is coded as follows:

B - BWR
P - PWR
H - HTGR
O - FOSSIL, OIL
G - FOSSIL, GAS
C - FOSSIL, COAL
S - SWITCHYARD
W - HYDRO

Applicability shown is typical and may change from plant to plant. Structural codes are not keyed to plant types at this time.

The codes are mnemonic where possible. The first two letters define a generic system. The third letter subdivides this system into smaller parts.



SYSTEM CODE	PLANT TYPES	SYSTEM DESCRIPTION
AAS	B P	AIR,ASPIRATING - SYSTEM-
ABA	B P H O G C W	AUXILIARY BOILER - COMBUSTION AIR
ABB	B P H O G C W	AUXILIARY BOILER - BURNER CONTROL
ABD	B P H O G C W	AUXILIARY BOILER-BLOWDOWN
ABF	B P H O G C W	AUXILIARY BOILER - FEEDWATER AND CONDENSATE
ABH	B P H O G C W	AUXILIARY BOILER-CHEMICAL FEED
ABM	B P H O G C W	AUXILIARY BOILER- STEAM
ABS	B P H O G C W	AUXILIARY BOILER - SYSTEM
ACS	B P H O G C	AIR COOLED CONDENSER-SYSTEM
ADS	B	AUTOMATIC DEPRESSURIZATION - SYSTEM
AHB	C	ASH HANDLING - BOTTOM ASH DISPOSAL
AHC	O C	ASH HANDLING - CHEMICAL FEED
AHF	O C	ASH HANDLING - FLY ASH DISPOSAL AND OR REINJECTION
AHP	C	ASH HANDLING - PYRITES SYS.
AHW	O C	ASH HANDLING - SLUICING WATER
AMS	P	AMBIENT TEMP MONITORING - SYSTEM
ANN	B P H O G C S W	ANNUNCIATOR-SYS
ARA	B P H O G C	AIR REMOVAL - AUXILIARY CONDENSER
ARC	B P H O G C	AIR REMOVAL - MAIN CONDENSER
ASF	O G C	AUXILIARY STEAM - FOSSIL - SYS
ASR	B	AUXILIARY STEAM-RADWASTE
ASS	B P H	AUXILIARY STEAM - NUCLEAR - SYSTEM
ATX	B P H O G C S W	TRANS,AUX PWR INCLUDING AUX (COOLERS,LTC,ETC)
BAT	B P H O G C S W	BATTERY
BCC	B P H O G C	BEARING COOLING-CHEMICAL FEED



SYSTEM CODE	PLANT TYPES	SYSTEM DESCRIPTION
BCP	B P H O G C S W	BEARING COOLING - PURIFICATION SYSTEM
BCS	B P H O G C	BEARING COOLING - SYSTEM
BDC	B	BLOWDOWN - COOLING TOWER
BDG	P H	BLOWDOWN - STEAM GENERATOR (NUCLEAR)
BEV	O G C	AIR PREHEATER & STACK WASHING
BPS	P	BOP ENG.SAFETY FEATURES ACTUAT.-SYSTEM
BRS	P	BORON RECOVERY - SYSTEM
BVS	B P H O G C W	BATTERY - 125/250V - STATION
BWS	B P H O G C W	BATTERY - 24V - STATION
BWY	S	BATTERY - 24V - YARD
BXS	B P H O G C W	BATTERY - 48V - STATION
BXY	S	BATTERY - 48V - YARD
BYS	B P H O G C W	BATTERY - 125V - STATION
BYY	S	BATTERY - 125V - YARD
BZS	B P H O G C W	BATTERY - 250V - STATION
BZY	S	BATTERY - 250V - YARD
CAC	H	CHEMICAL FEED - CORE AUX COOLING
CAS	H	CONTAINMENT CLEANING-SYS
CBS	B P H O G C S W	CONDUCTOR COOLING - SYSTEM
CCC	P	COMPONENT COOLING-COMMON
CCD	P	COMPONENT COOLING-CNDS DEMIN-LIQUID WASTE
CCE	P	COMPONENT COOLING - CHARGING PP.SEAL
CCF	B P	COMPONENT COOLING WATER - ESF AREA
CCH	B P H O G C	COMPONENT COOLING-CHEMICAL FEED
CCI	P	COMPONENT COOLING- SAFETY INJECTION PP. SEAL
CCL	O G C	COMPONENT COOLING - WATER (FOSSIL)



SYSTEM CODE	PLANT TYPES		SYSTEM DESCRIPTION
CCN	B P		COOLING WATER - REACTOR PLANT
CCP	B P H		COMPONENT COOLING-PRI OR REACTOR
CCR	P		COMPONENT COOLING - CONT. ROD DRIVE (B&W ONLY)
CCS	B P H		COMPONENT COOLING-TURBINE PLANT (NUCLEAR)
CCW	B P H O G C		COMPONENT COOLING-CHILLED
CDS	B P H O G C		CHILLED WATER - SYSTEM
CEC	B P H O G C	W	COMMON ELECT EQUIP-CONTROL RM COMPLEX
CES	B P H O G C	W	COMMON ELECTRICAL-SYSTEM (CONTROL BDS, ETC)
CFS	P		CORE FLOODING-SYSTEM (B&W)
CGS		O G C	VACUUM CLEANING-SYSTEM
CHS	P		CHEMICAL & VOLUME CONTROL SYSTEM
CKC	H		CORE COOLING-STANDBY
CLB		O G C	CHEMICAL CLEANING-BOILER
CLG	P H		CHEMICAL CLEANING-STEAM GENERATOR (NUCLEAR)
CLM	B P H		CHEMICAL CLEANING-MAIN STEAM & FEEDWATER (NUCLEAR)
CLP	B P H O G C		CHEMICAL CLEANING-PREBOILER & HEATER SHELL
CLS	B P H O G C		CHEMICAL CLEANING-SYSTEM
CMP	B P		CONTAINMENT PRESS MONIT. SYS
CMS	B P H		CONTAINMENT ATMOSPHERE MONITORING-SYSTEM
CNA	B P H O G C		CONDENSATE - AUXILIARY CONDENSATE
CNC	B P H O G C		CONDENSATE - CHEMICAL TREATMENT
CND	B P H O G C		CONDENSATE - DEMINERALIZER
CNE	B P H O G C		CONDENSATE, DRAINS-AIR COOLED CONDENSER
CNM	B P H O G C		CONDENSATE - MAIN CONDENSATE
CNO	B P H O G C		CONDENSATE PUMP LUBE OIL - SYSTEM



SYSTEM CODE	PLANT TYPES	SYSTEM DESCRIPTION
CNS	B P H O G C	CONDENSATE - MAKEUP, DRAWOFF
COC	B P H O G C S W	COMMUNICATION - CARRIER
COJ	B P H O G C S W	COMMUNICATION - MAINTENANCE
COL	B P H O G C S W	COMMUNICATION - TELEPHONE (LEASED LINE)
COM	B P H O G C S W	COMMUNICATION - MICROWAVE
COP	B P H O G C S W	COMMUNICATION - PAGING (PUBLIC ADDRESS)
COR	B P H O G C S W	COMMUNICATION - RADIO
COS	B P H O G C S W	COMMUNICATION - SOUND POWER
COT	B P H O G C S W	COMMUNICATION - TELEPHONE (INTR-PLANT)
CPD	B	CONTAINMENT ATMOSPHERIC DILUTION
CPM	B	CONTAINMENT HYDROGEN MIXING
CPP	B	CONTAINMENT PURGE
CPS	B	REACTOR CONTAINMENT. (INERTING & PURGE) BWR
CPX	B P H O G C	CONDENSATE POLISHING DEMINERALIZER
CRS	B P H O G C	COLD REHEAT - SYSTEM
CSH	B	CORE SPRAY - HIGH PRESSURE
CSL	B	CORE SPRAY - LOW PRESSURE
CSS	P	CONTAINMENT SPRAY-SYSTEM
CTS	B P H	REACTOR CORE TEMPERATURE-SYSTEM
CVS	P	CONTAINMENT VACUUM - SYSTEM
CWA	B P H O G C	CIRCULATING WATER - CONDENSER TUBE CLEANING
CWS	B P H O G C	CIRCULATING WATER - SYSTEM
CXC	O G C	COMBUSTION AIR HEATER-CONDENSATE
CXF	O G C	COMBUSTION AIR HEATER-HOT AIR
CXG	O G C	COMBUSTION AIR HEATER-GLYCOL
CXW	O G C	COMBUSTION AIR HEATER-WATER



SYSTEM CODE	PLANT TYPES	SYSTEM DESCRIPTION
CXZ	O G C	COMBUSTION AIR HEATER- <u>STEAM</u>
CYC	C	COAL HANDLING - DUST COLLECTION
CYH	C	COAL HANDLING YARD (TRIP, TRIP CNVR & BUNKER LEVEL)
CYS	C	COAL HANDLING - SUPPRESSION
DAS	P H	DRAINS (AERATED) REACTOR PLANT - SYSTEM
DCS	P H	DECONTAMINATION - SYSTEM
DEC	B P H O G C W	DRAINS-CONT AREA/BLDG FLOOR AND EQUIPMENT
DED	B	DRAINS-RADWASTE BLDG
DER	B	DRAINS - REACTOR BLDG EQUIP
DET	B	DRAINS - TURBINE BLDG EQUIP
DEW	B P H O G C W	DRAINS-WATER TREAT AREA/BLDG FLOOR AND EQUIPMENT
DFA	B	DRAINS, FLOOR - FUEL & AUX BLDG
DFB	O G C	DRAINS, FLOOR - BOILER PLANT
DFD	B P H O G C W	DRAINS, FLOOR - DIESEL GEN BLDG
DFE	B P H O G C	DRAINS, FLOOR - SERVICE AREA
DFF	B	DRAINS - FUEL & AUX BLDG EQUIP
DFM	B P H O G C W	DRAINS, FLOOR - MISC BLDGS
DFN	B	DRAINS, FLOOR TURBINE & REACTOR BLDG
DFR	B P H	DRAINS FLOOR - REACTOR PLANT
DFT	B P H O G C W	DRAINS, FLOOR - TURBINE PLANT
DFV	P	DRAINS, FLOOR - SOLIDWASTE BLDG
DFW	B P H	DRAINS, FLOOR-RADWASTE BLDG
DGS	B P H	DRAINS (HYDROGENATED) REACTOR PLANT - SYSTEM
DGV	B P	DRAINS, VALVE STEM
DHS	P	DECAY HEAT REMOVAL-SYSTEM (B&W)



SYSTEM CODE	PLANT TYPES		SYSTEM DESCRIPTION
DMS	B P H O G C		MOTOR CONTROL CENTER DC-SYSTEM
DPS		W	DRAINS - POWERHOUSE
DRF	B		DRYWELL FLOOR SEAL-SYSTEM
DRS	B		DRYWELL COOLING-SYSTEM
DSM	B P		DRAINS - MOISTURE SEPARATOR (NUCLEAR)
DSR	B P		DRAINS - MOISTURE SEPARATOR REHEATER
DTF	H		DRAINS - FLASH TANK
DTM	P H	W	DRAINS - TURBINE PLANT MISCELLANEOUS
DUH		W	STATION SUMP DRAINAGE & UNWATERING SYS.
DWS	B P H O G C S W		DOMESTIC WATER - SYSTEM
DWT	B P H O G C	W	DOMESTIC WATER TREATING
DXA	B P H O G C		DEWATERING SYSTEM - SUBSURFACE
DXF		W	DEWATERING - FISHWAY
DXR		W	DEWATERING - TAILRACE TUNNEL
DXT		W	DEWATERING - TURBINE
EBS	P		EMERGENCY BORATION - SYSTEM
ECS	B P H O G C		ENVIRONMENTAL MONITORING - SYSTEM
EDA	P		ESSENTIAL BUS - AC SUPPLY
EDB	P		ESSENTIAL BUS - DC SUPPLY
EDS	P		ESSENTIAL BUS - SYSTEM
EGA	B P H O G C	W	GENERATOR,STANDBY-AIR COMPR-DIESEL STARTING AIR
EGD	B P H O G C	W	GENERATOR,STANDBY-COMBUSTION AIR DAMPER CONTROL
EGE	B P H O G C	W	GENERATOR,STANDBY-EXCITATION
EGF	B P H O G C	W	GENERATOR,STANDBY-FUEL SYSTEM
EGO	B P H O G C	W	GENERATOR,STANDBY-LUBE OIL SYSTEM



SYSTEM CODE	PLANT TYPES		SYSTEM DESCRIPTION
EGP	B P H O G C	W	GENERATOR,STANDBY-PROTECTION (INCLUDE ACB & INST)
EGS	B P H O G C	W	GENERATOR,STANDBY-SYSTEM
EGT	B P H O G C	W	GENERATOR,STANDBY-TEMPERATURE
KHS	B P H O G C		MOTOR CONTROL CENTER-STANDBY-SYSTEM
EJA	B P H O G C		UNIT SUBSTATION-STANDBY-AC CONT & HTR SUPPLY
EJB	B P H O G C		UNIT SUBSTATION-STANDBY-DC CONT SUPPLY
EJS	B P H O G C		UNIT SUBSTATION-STANDBY-SYSTEM
ELA	B P H O G C		SWGR,STANDBY,2400V-AC CONT & HTR SUPPLY
ELB	B P H O G C		SWGR,STANDBY,2400V-DC CONTROL SUPPLY
ELS	B P H O G C		SWGR,STANDBY,2400V-SYSTEM
ENA	B P H O G C		SWGR,STANDBY,4160V-AC CONT & HTR SUPPLY
ENB	B P H O G C		SWGR,STANDBY,4160V-DC CONTROL SUPPLY
ENS	B P H O G C		SWGR,STANDBY,4160V-SYSTEM
EOA	B P H O G C		SWGR,STANDBY,6900V-AC CONT & HTR SUPPLY
EOB	B P H O G C		SWGR,STANDBY,6900V-DC CONTROL SUPPLY
EOS	B P H O G C		SWGR,STANDBY,6900V-SSYSTEM
EPA	B P H O G C		SWGR,STANDBY,13.8KV-AC CONT & HTR SUPPLY
EPB	B P H O G C		SWGR,STANDBY,13.8KV-DC CONTROL SUPPLY
EPS	B P H O G C		SWGR,STANDBY,13.8KV-SYSTEM
ERS	B P H		EARTHQUAKE RECORDING SYSTEM
ESS	B P H O G C		EXTRACTION - SYSTEM
EXA	B P H O G C	W	EXCITATION-MAIN GEN-AC CONT & HTR SUPPLY
EXB	B P H O G C	W	EXCITATION - MAIN GENERATOR - DC CONTROL SUPPLY
EXC	B P H O G C	W	EXCITATION - MAIN GENERATOR - COOLING



SYSTEM CODE	PLANT TYPES		SYSTEM DESCRIPTION
EXG	B P H O G C	W	EXCITATION - MAIN GENERATOR - GROUND DETECTOR SYS
EXP	B P H O G C	W	EXCITATION - MAIN GENERATOR - PROTECTION
EXS	B P H O G C	W	EXCITATION - MAIN GENERATOR - SYSTEM (POWER CRT'S)
EXV	B P H O G C	W	EXCITATION - MAIN GENERATOR - VOLTAGE REGULATOR
FCS		C	FUEL-COAL STA. (RAPPERS, FEEDERS, PULV'S, GATES, ETC)
FGS		G	FUEL-GAS - SYSTEM
FHS	B P H O G C	W	FISHWAY - SYSTEM
FNR	B P H		FUEL-NUCLEAR - REFUELING
FNS	B P H		FUEL, NUCLEAR-FUEL STORAGE
FNT	B P H		FUEL-NUCLEAR - TRANSFER
FOA	B P H O G C	W	FUEL-OIL - AUXILIARY BOILER (SUPPLY TO)
FOC		O	FUEL-OIL - ADDITIVE SYSTEM
FOF	B P H O G C	W	FUEL-OIL - ENGINE DRIVEN FIRE PUMP
FOH		O C	FUEL-OIL - HEATERS
FOM		O	FUEL-OIL - MAIN BOILER (SUPPLY TO)
FOY		O	FUEL-OIL - YARD FACILITIES
FPA	B P H O G C	W	FIRE DETECTION - ALARM SYSTEM
FPC	B P H O G C	W	FIRE PROTECTION - DRY CHEMICAL
FPP	B P H O G C S	W	FIRE PROTECTION - FOAM SYSTEM
FPG	B P H O G C	W	FIRE PROTECTION - HALON
FPH	B P H O G C	W	FIRE PROTECTION - HIGH PRESSURE CO2
FPL	B P H O G C	W	FIRE PROTECTION - LOW PRESSURE CO2
FPM	B P H O G C	W	FIRE PROTECTION - SUPERVISION SYSTEM
FPP	B P H O G C	W	FIRE PROTECTION-FIRE PUMP (MAKEUP PUMP, DIESEL, ETC.)



SYSTEM CODE	PLANT TYPES	SYSTEM DESCRIPTION
FPS	B P H O G C S W	FIRE PROTECTION-SYS
FPW	B P H O G C S W	FIRE PROTECTION - WATER
FWA	B P H O G C	FEEDWATER-AUXILIARY FEEDWATER
FWD	H	STEAM-WATER DUMP-SYS
FWF	B P H O G	FEEDWATER-PUMP FLUID DRIVE
FWK	B P H O G C	FEEDWATER - MOTOR DRIVEN FEEDWATER PUMP COUPLING
FWL	B P H O G C	FEEDWATER-PUMP & DRIVER OIL SYSTEMS
FWP	B P H O G C	FEEDWATER & CONDENSATE PUMP-SEALS & LEAKOFF
FWR	B P H O G C	FEEDWATER - RECIRCULATION & BALANCE DRUM LEAKOFF
FWS	B P H O G C	FEEDWATER - SYSTEM
FWT	B P H O G C	FEEDWATER - HIGH PRESSURE
GDT		W GATE - DRAFT TUBE
GMC	B P H O G C	W GENERATOR,MAIN-STATOR COOLING
GMH	B P H O G C	GENERATOR,MAIN-HYDROGEN & CO2
GML	B P H O G C	W GENERATOR,MAIN-LEADS
GMO	B P H O G C	GENERATOR,MAIN-SEAL OIL
GMS	B P H O G C	W GENERATOR,MAIN-SYSTEM
GSP	H	GAS-HELIUM - FUEL HANDLING & PURGE
GSH	P H	GAS-HYDROGEN - SYSTEM (NUCLEAR)
GSL	H	GAS-HELIUM - SYSTEM
GSN	B P H	GAS-NITROGEN - SYSTEM (NUCLEAR)
GSO	B P H	GAS - OXYGEN - SYSTEM (NUCLEAR)
GSP	H	GAS-HELIUM - PCRV SEAL & PURGE
GSR	H	GAS-HELIUM - RECOVERY
GTS	B	GAS TREATMENT,STANDBY-SYSTEM



SYSTEM CODE	PLANT TYPES		SYSTEM DESCRIPTION
GWS	P H		GASEOUS WASTE (RADIOACTIVE) -SYSTEM
HAG		W	HYDRAULIC POWER - GOVERNOR
HAS	H	W	HYDRAULIC POWER - SYSTEM
HAV		W	HYDRAULIC POWER - GATES/VALVES
HBS	B P H O G C		HEAT BALANCE - SYSTEM
HCS	B P H		HYDROGEN RECOMBINER SYSTEM (POST DBA)
HDH	B P H O G C		HEATER DRAINS - HIGH PRESSURE
HDL	B P H O G C		HEATER DRAINS- LOW PRESSURE
HEP	H		HELIUM PURIFICATION
HPS	P		HIGH PRESS INJECTION - SYSTEM(B&W)
HRS	B P H O G C		HOT REHEAT - SYSTEM
HTS	B P H O G C	W	HEAT TRACING - SYSTEM
HVA	B P H O G C		CHILLED WATER - OFFICE
HVB	O G C		VENTILATION - BOILER PLANT
HVC	B P H O G C	W	AIR COND. - CONTROL BLDG OR AREA
HVD	B P H O G C	W	GAS HEATING-DIRECT FIRED - SYSTEM
HVE	B P H O G C		VENTILATION - SERVICE BLDG
HVF	B P		VENTILATION - FUEL BLDG
HVG	B P H O G C	W	GLYCOL HEATING - SYSTEM
HVH	B P H O G C	W	HOT WATER HEATING - SYSTEM
HVI	B P H O G C		VENTILATION - AUX BLOILER ROOM
HVJ	B P H O G C	W	VENTILATION - WTR TREAT BLDG
HVK	B P H O G C	W	CHILLED WATER - CONTROL BLDG OR AREA
HVL	B P H O G C		AIR CONDITIONING - SERVICE BLDG
HVM	B P H O G C	W	STEAM HEATING - SYSTEM
HVN	B P H O G C	W	CHILLED WATER - VENTILATION



SYSTEM CODE	PLANT TYPES	SYSTEM DESCRIPTION
HVO	B P H O G C W	AIR CONDITIONING - OFFICE BLDG
HVP	B P H O G C W	VENTILATION - DIESEL GEN BLDG
HVQ	P	VENTILATION - ENGINEERED SAFETY FEATURES BLDG
HVR	B P H	VENTILATION - REACTOR PLANT
HVS	B P H O G C S W	HTG, VENTILATING, AIR COND. - SYSTEM
HVT	B P H O G C W	VENTILATION - TURBINE PLANT
HVU	B	VENTILATION - CONTAINMENT STRUCTURE
HVV	B P H	VENTILATION - MAIN STM VALVE BLDG
HVW	B	VENTILATION - RADWASTE BLDG
HVX	B P H O G C W	REFRIGERATION - SYSTEM
HVY	B P H O G C W	VENTILATION - YARD STRUCTURES
HVZ	B P H O G C	HTG, VENTILATING, AIR COND CONDENSING WATER - SYSTEM
HWA	B	VENTILATION - AUXILIARY BLDG
HWE	B P H O G C W	VENTILATION AND COOLING - SWGR BLDG
HWH	B P H O G C W	VENTILATION AND COOLING - WAREHOUSE
HWN	B P H O G C W	VENTILATION - SERVICE WATER BLDG
HWO	B P H O G C W	HEATING, HOT WATER - ADMIN. BLDG
HWP	O G C	VENTILATION - PRECIPITATOR BLDG
HWS	B P H O G C W	VENTILATION AND COOLING - SECURITY BLDG
HWT	B P H O G C W	VENTILATION AND COOLING - WASTE TREATM BLDG
HWW	B P H O G C W	VENTILATION - SERVICE WATER
HWY	B P H	VENTILATION AND COOLING - HEALTH PHYSICS BLDG
IAC		INSTRUMENT AIR - CONTAINMENT
IAS	B P H O G C W	INSTRUMENT AIR SYSTEM



SYSTEM CODE	PLANT TYPES	SYSTEM DESCRIPTION
ICS	B	REACTOR CORE ISOLATION COOLING - SYSTEM
IGS	O G C	IGNITION GAS - SYSTEM
IHA	B P H O G C W	INFORMATION HANDLING-ANNUNCIATOR
IHC	B P H O G C W	INFORMATION HANDLING-COMPUTER
IHO	B P H O G C W	INFORMATION HANDLING-OSCILLOGRAPH
IHS	B P H O G C W	INFORMATION HANDLING-SYSTEM
IIS	B P H	INCORE INSTRUMENTATION SYSTEM
IOS	O C	IGNITION OIL - SYSTEM
ISC	B P H	ISOLATION - CONTAINMENT
ISD	B	ISOLATION - DRYWELL
ISM	B	ISOLATION - MAIN STEAM
ISR	B P H	ISOLATION-REACTOR VESSEL
JAA		ADM. BLDG. - SUBSTRUCTURE ALL
JAB		ADM. BLDG. - SUPERSTRUCTURE ALL
JBA		BOILER RM. - SUBSTRUCTURE FOSSIL
JBB		BOILER RM. - SUBSTRUCTURE FOSSIL
JCA		CONTROL RM. - SUBSTRUCTURE ALL
JCB		CONTROL RM. - SUPERSTRUCTURE
JDA		DIESEL GEN. RM. - SUBSTRUCTURE
JDB		DIESEL GEN. RM. - SUPERSTRUCTURE
JEA		OUTDOOR CRANEWAY NO. 1 - SUBSTRUCTURE
JEB		OUTDOOR CRANEWAY NO. 1 - SUPERSTRUCTURE
JFA		FUEL STORAGE HOUSE - SUBSTRUCTURE
JFB		FUEL STORAGE HOUSE - SUPERSTRUCTURE
JGA		SPILLWAY GATE CONTROL HOUSE - SUBSTRUCTURE
JGB		SPILLWAY GATE CONTROL HOUSE - SUPERSTRUCTURE



SYSTEM CODE	PLANT TYPES	SYSTEM DESCRIPTION
JHA		COOLING TOWER - SUBSTRUCTURE
JHB		COOLING TOWER - SUPERSTRUCTURE
JHC		COOLING TOWER, CIRC. WTR - SUBSTRUCTURE
JHD		COOLING TOWER, CIRC. WTR - SUPERSTRUCTURE
JHE		COOLING TOWER, SERV. WTR - SUBSTRUCTURE
JHF		COOLING TOWER, SERV. WTR - SUPERSTRUCTURE
JIA		INFORMATION BLDG. - SUBSTRUCTURE
JIB		INFORMATION BLDG. - SUPERSTRUCTURE
JJA		WASTE DISPOSAL BLDG. - SUBSTRUCTURE
JJB		WASTE DISPOSAL BLDG. - SUPERSTRUCTURE
JKA		MISCELLANEOUS BLDG. - SUBSTRUCTURE
JKB		MISCELLANEOUS BLDG. - SUPERSTRUCTURE
JLA		TANK AREA STRUCTURES - SUBSTRUCTURE
JLB		TANK AREA STRUCTURES - SUPERSTRUCTURE
JLC		REACTOR PLANT TANK AREA STRUCT. - SUBSTRUCTURE
JLD		REACTOR PLANT TANK AREA STRUCT. - SUPERSTRUCTURE
JMA		WATER TREATMENT BLDG. - SUBSTRUCTURE
JMB		WATER TREATMENT BLDG - SUPERSTRUCTURE
JNA		RADWASTE BLDG - SUBSTRUCTURE
JNB		RADWASTE BLDG - SUPERSTRUCTURE
JOA		OFFICE BLDG. - SUBSTRUCTURE
JOB		OFFICE BLDG. - SUPERSTRUCTURE
JPA		PRIMARY AUXILIARY BLDG. - SUBSTRUCTURE
JPB		PRIMARY AUXILIARY BLDG. - SUPERSTRUCTURE
JQA		DECONTAM. BLDG. - SUBSTRUCTURE



SYSTEM CODE	PLANT TYPES	SYSTEM DESCRIPTION
JQB		DECONTAM. BLDG. - SUPERSTRUCTURE
JRA		REACTOR BLDG. - SUBSTRUCTURE
JRB		REACTOR BLDG. - SUPERSTRUCTURE
JSA		GAR. STOR. BLDG. - SUBSTRUCTURE
JSD		GAR. STOR. BLDG. - SUPERSTRUCTURE
JTA		TURBINE RM. - SUBSTRUCTURE
JTB		TURBINE RM. - SUPERSTRUCTURE
JUA		VACUUM PRIMING BLDG. - SUBSTRUCTURE
JUB		VACUUM PRIMING BLDG. - SUPERSTRUCTURE
JVA		EL EQUIP AREAS - SWGR - SUBSTRUCTURE
JVB		EL EQUIP AREAS - SWGR - SUPERSTRUCTURE
JVC		EL EQUIP AREAS - XFMR - SUBSTRUCTURE
JVD		EL EQUIP AREAS - XFMR - SUPERSTRUCTURE
JWA		SCREENWELL AND PUMP HOUSE - SUBSTRUCTURE
JWB		SCREENWELL AND PUMP HOUSE - SUPERSTRUCTURE
JXA		AUX. BOILER RM. - SUBSTRUCTURE
JXB		AUX. BOILER RM. - SUPERSTRUCTURE
JYA		SWYD. CONTROL HSE. - SUBSTRUCTURE
JYB		SWYD. CONTROL HSE. - SUPERSTRUCTURE
JZA		SERVICE BLDG. - SUBSTRUCTURE
JZB		SERVICE BLDG. - SUPERSTRUCTURE
KAA		AUXILIARY GEN. HSE. - SUBSTRUCTURE
KAB		AUXILIARY GEN. HSE. - SUPERSTRUCTURE
KBA		BORON EVAP. PUMP HSE. - SUBSTRUCTURE
KBB		BORON EVAP. PUMP HSE. - SUPERSTRUCTURE
KCA		CHLORINE BLDG. - SUBSTRUCTURE



SYSTEM CODE	PLANT TYPES	SYSTEM DESCRIPTION
KCB		CHLORINE BLDG. - SUPERSTRUCTURE
KDA		DISCHARGE VACUUM PRIMARY PUMP HSE. - SUBSTRUCTURE
KDB		DISCHARGE VACUUM PRIMARY PUMP HSE. - SUPERSTRUCTURE
KFA		FUEL OIL PUMP HSE. - SUBSTRUCTURE
KFB		FUEL OIL PUMP HSE. - SUPERSTRUCTURE
KGA		GATE HSE. - SUBSTRUCTURE
KGB		GATE HSE. - SUPERSTRUCTURE
KHA		HYD. STOR. BLDG. - SUBSTRUCTURE
KHP		HYD. STOR. BLDG. - SUPERSTRUCTURE
KIA		INTAKE STRUCT. - SUBSTRUCTURE
KIB		INTAKE STRUCT. - SUPERSTRUCTURE
KJA		CONTAINMENT AUX. STRUCT. - SUBSTRUCTURE
KJB		CONTAINMENT AUX. STRUCT. - SUPERSTRUCTURE
KKA		CONTAINMENT SPRAY PUMP AREA STOR. - SUBSTRUCTURE
KKB		CONTAINMENT SPRAY PUMP AREA STOR. - SUPERSTRUCTURE
KMA		MAIN STEAM SHOP - SUBSTRUCTURE
KMB		MAIN STEAM SHOP - SUPERSTRUCTURE
KNA		FIRE PUMP HSE. - SUBSTRUCTURE
KNB		FIRE PUMP HSE. - SUPERSTRUCTURE
KPA		PURGE AIR EQUIP. BLDG. - SUBSTRUCTURE
KPB		PURGE AIR EQUIP. BLDG. - SUPERSTRUCTURE
KRB		RADIATION CONT. AREA STOR. BLDG. - SUPERSTRUCTURE
KSA		STACK. - SUBSTRUCTURE
KSX		STACK. - SUPERSTRUCTURE



SYSTEM CODE	PLANT TYPES	SYSTEM DESCRIPTION
KTA		WEATHER TOWER - SUBSTRUCTURE
KTB		WEATHER TOWER - SUPERSTRUCTURE
KWA		WAREHOUSE - SUBSTRUCTURE
KWB		WAREHOUSE - SUPERSTRUCTURE
LAA	B P H O G C W	LIGHTING,AC-ADMINISTRATION BLDG
LAB	O G C	LIGHTING,AC-BOILER AREA
LAC	B P H O G C W	LIGHTING,AC-CONTROL ROOM (MAIN)
LAD	B P H O G C W	LIGHTING,AC-DIESEL GENERATOR ROOM
LAE	B P H O G C	LIGHTING,AC-SETTLING POND
LAF	B P H O G C	LIGHTING,AC-FUEL STORAGE AREA
LAG	B P H O G C W	LIGHTING,AC-SPILLWAY GATE CONT HSE
LAH	B P H O G C	LIGHTING,AC-COOLING TOWER & POND AREA
LAI	B P H O G C W	LIGHTING,AC-INFORMATION AREA
LAJ	B P H O G C	LIGHTING,AC-WASTE DISPOSAL BLDG
LAK	B P H O G C W	LIGHTING,AC-MISC BLDGS
LAL	W	LIGHTING,AC-GALLERY AREA
LAM	B P H O G C	LIGHTING,AC-WATER TREATMENT BLDG
LAN	B	LIGHTING,AC-RADWASTE BLDG
LAO	B P H O G C W	LIGHTING,AC-OUTDOOR
LAP	B P H O G C	LIGHTING,AC-PRIMARY AUXILIARY BLDG
LAQ	B P H	LIGHTING,AC-DECONTAMINATION BLDG
LAR	B P H	LIGHTING,AC-REACTOR BLDG
LAS	B P H O G C W	LIGHTING,AC-SYSTEM (SUPPLY)
LAT	B P H O G C W	LIGHTING,AC-TURBINE AREA
LAU	B P H O G C	LIGHTING,AC-VACUUM PRIMING BLDG
LAV	B P H O G C S W	LIGHTING,AC-WARNING



SYSTEM CODE	PLANT TYPES	SYSTEM DESCRIPTION
LAW	B P H O G C	LIGHTING, AC-SCREENWELL AND PUMPHOUSE
LAX	B P H O G C W	LIGHTING, AC-AUXILIARY BOILER ROOM
LAY	S	LIGHTING, AC-SWYD OR SUBSTA (INCLUDING CONT HSE)
LAZ	B P H O G C	LIGHTING, AC-SERVICE BLDG
LBA	B P H O G C W	LIGHTING, DC-ADMINISTRATION BLDG
LBB	O G C	LIGHTING, DC-BOILER AREA
LBC	B P H O G C W	LIGHTING, DC-CONTROL ROOM (MAIN)
LBK	B P H O G C W	LIGHTING, DC-MISC. AREAS
LBP	B P H O G C	LIGHTING, DC-PRIMARY AUXILIARY BLDG
LBR	B P H	LIGHTING, DC-REACTOR BLDG
LBS	B P H O G C W	LIGHTING, DC-SYSTEM (SUPPLY)
LBT	B P H O G C W	LIGHTING, DC-TURBINE AREA
LBV	B P H O G C S W	LIGHTING, DC-WARNING
LBZ	B P H O G C	LIGHTING, DC-SERVICE BLDG
LCS	H	SUPPLEMENTARY LEAK COLLECTION - SYS
LFC	B P H O G C W	LOAD FREQUENCY CONTROL-SYSTEM
LLR	B P H O G C S W	LAND AND LAND RIGHTS
IMS	B P H	LEAKAGE MONITORING SYSTEM
IOS	B P H O G C W	LUBE OIL (TREATMENT AND STORAGE ONLY) - SYSTEM
LPM	P	LOOSE PARTS MONITORING - SYS.
LSV	B	LEAKAGE CONTROL, PENETRATION VALVE
LTG	B P H O G C S W	LIGHTING
LUS	W	LUBRICATION - SYSTEM
LWC	B P H	LIQUID WASTE - CONDENSATE DEMIN. SYSTEM
LWS	B P H	LIQUID WASTE (RADIOACTIVE) - SYSTEM



SYSTEM CODE	PLANT TYPES	SYSTEM DESCRIPTION
MBA	O G C	BOILER,MAIN-SECONDARY AIR-& FLUE GAS
MBB	O G C	BOILER,MAIN-BURNER CONTROL
MBD	O G C	BOILER,MAIN-DRAINS TO BOILER BLOWOFF TANK
MBE	O G C	BOILER,MAIN-SEAL AIR
MBG	O G C	BOILER,MAIN-IGNITION AIR
MBH	O G C	BOILER,MAIN-CHEMICAL FEED
MBI	O G C	BOILER,MAIN-CIRCULATION SEAL INJECTION
MBK	O G C	BOILER,MAIN-SO2 REMOVAL
MBL	O G C	BOILER,MAIN-CONTINUOUS BLOWDOWN,HDR VENTS & DRAINS
MBM	O G C	BOILER,MAIN-MONITORING
MBO	O G C	BOILER,MAIN-ONCE THROUGH STARTUP-SYSTEM
MBP	O G C	BOILER,MAIN-PROTECTION (BOILER TRIP)
MBR	O G C	BOILER,MAIN-STARTUP DRUM SYSTEM
MBS	O G C	BOILER,MAIN-SYSTEM
MBW	O G C	BOILER,MAIN-PRIMARY AIR
MBX	O G C	BOILER,MAIN-SCANNER AND TELEVISION COOLING AIR
MBZ	O G C	BOILER,MAIN-SOOT BLOWING
MCB	B P H O G C W	MAIN CONTROL BOARD
MCC	B P H O G C W	MOTOR CONTROL CENTER
MDS	B P H O G C W	MOTOR OPERATED DOORS - SYSTEM
MHB	O G C	MAT HANDLING (CRANES,HOISTS,ETC) - BOILER AREA
MHP	B P H O G C	MAT HANDLING (CRANES,HOISTS,ETC) -FUEL STORAGE AREA
MHG	B P H O G C W	MAT HANDLING (CRANES,HOISTS,ETC) -SPILLWY GATES&PP HSE



SYSTEM CODE	PLANT TYPES		SYSTEM DESCRIPTION
MHH	B P H O G C		MAT HANDLING (CRANES, HOISTS, ETC) -CHLORINE STRG AREA
MHI	B P H O G C	W	MAT HANDLING (CRANES, HOISTS, ETC) - INTAKE STRUCT
MHJ	B P H O G C		MAT HANDLING-CRANES, HOISTS, ETC-WASTE DISPOSAL BLDG
MHK	B P H O G C	W	MAT HANDLING (CRANES, HOISTS, ETC) -MISC BLDGS
MHN	B P H		MATERIAL HANDLING-RADWASTE BLDG
MHP	B P H O G C		MAT HANDLING (CRANES, HOISTS, ETC) -PRI AUX BLDG
MHR	B P H		MAT HANDLING (CRANES, HOISTS, ETC) -REAC BLDG (CONTNMT)
MHS	B P H O G C	W	MAT HANDLING (CRANES, HOISTS, ETC) -SYSTEM
MHT	B P H O G C	W	MAT HANDLING (CRANES, HOISTS, ETC) - TURBINE AREA
MHW	B P H O G C		MAT HANDLING (CRANES, HOISTS, ETC) - SCREENWELL& PP HSE
MHZ	B P H O G C		MAT HANDLING (CRANES, HOISTS, ETC) - SERVICE BLDG
MMS	B P H O G C	W	METEOROLOGICAL MONITORING SYSTEM
MSE	B P H O G C		MN TURB EXH STM TO AIR COOLED CONDENSER
MSI	B		MN STM ISOLATION VALVE SEALS
MSR	P		MN STM-REHEAT (MOIST SEP&REHEAT-NUCL)
MSS	B P H O G C		MAIN STEAM SYSTEM (FOSSIL AND NUCLEAR)
MTX	B P H O G C	W	MN TRANS INCL AUXILIARIES (COOLERS, LTC, ALARMS, ETC)
MUS	P		MAKEUP & PURIFICATION-SYSTEM (B&W)
MWS	B P H O G C	W	MAKEUP WATER- SYSTEM (RAW WATER)
NBS	O G C		NITROGEN BLANKETING - SYSTEM (FOSSIL)
NHS	B P H O G C	W	MOTOR CONTROL CENTER, NORMAL-SYSTEM
NJA	B P H O G C	W	UNIT SUBSTATION-AC CONT & HTR SUPPLY



SYSTEM CODE	PLANT TYPES		SYSTEM DESCRIPTION
NJB	B P H O G C	W	UNIT SUBSTATION-DC CONTROL SUPPLY
NJS	B P H O G C	W	UNIT SUBSTATION-SYSTEM
NLA	B P H O G C	W	SWGR,NORMAL,2400V-AC CONT & HTR SUPPLY
NLB	B P H O G C	W	SWGR,NORMAL,2400V-DC CONTROL SUPPLY
NLS	B P H O G C	W	SWGR,NORMAL,2400V-SYSTEM
NME	B P H		NEUTRON MONITORING-SYS
NMI	B P H		NEUTRON MONITORING - INTERMEDIATE RANGE
NMP	B P H		NEUTRON MONITORING - POWER RANGE
NMS	B P H		NEUTRON MONITORING - SOURCE RANGE
NMT	B P H		NEUTRON MONITORING - TRAVERSE INCORE PROBES
NNA	B P H O G C	W	SWGR,NORMAL,4160V-AC CONT & HTR SUPPLY
NNB	B P H O G C	W	SWGR,NORMAL,4160V-DC CONTROL SUPPLY
NNS	B P H O G C	W	SWGR,NORMAL,4160V-SYSTEM
NOA	B P H O G C	W	SWGR,NORMAL,6900V-AC CONT & HTR SUPPLY
NOB	B P H O G C	W	SWGR,NORMAL,6900V-DC CONTROL SUPPLY
NOS	B P H O G C	W	SWGR,NORMAL,6900V-SYSTEM
NPA	B P H O G C	W	SWGR,NORMAL,13.8KV-AC CONT & HTR SUPPLY
NPB	B P H O G C	W	SWGR,NORMAL,13.8KV-DC CONTROL SUPPLY
NPS	B P H O G C	W	SWGR,NORMAL,13.8KV-SYSTEM
NSS	P		NEUTRON SHIELD TANK AND COOLING - SYSTEM
NXS	B		PIPE DISPLACEMENT MONITORING - SYSTEM
OFC	B P H O G C	W	OFFICE & COMMISSARY EQUIPMENT
OFG	B		OFF GAS
OWS	B P H O G C S W		OIL-WATER SEPARATION SYSTEM
PBS	B P H O G C S W		SANITARY SEWERAGE FACILITIES - SYSTEM
PCS	B P H O G C	W	PROTECTION,CATHODIC - SYSTEM



SYSTEM CODE	PLANT TYPES	SYSTEM DESCRIPTION
PES	B P H	PRESSURIZATION, EMER - SYSTEM
PGS	PH P	PRIMARY GRADE WATER - SYSTEM
PHS	B P H	PERSONNEL ACCESS DOOR-SYS
POC	B P H O G C S W	POWER OUTLET-OUTLETS FOR CONTROLLING DEVICES
POG	B P H O G C S W	POWER OUTLET-GENERAL PURPOSE, SINGLE PHASE
POI	B P H O G C S W	POWER OUTLET-INDICATING AND RECORDING DEVICES
POP	B P H O G C S W	POWER OUTLET-GENERAL PURPOSE, THREE PHASE
QSS	P	QUENCH SPRAY SYSTEM (CONTAINMENT)
RAD	B P H	RADIATION MONITORING - AUXILIARY BOILER ROOM
RBC	O G C	REBOILER - CONDENSATE RETURN (FOSSIL)
RBD	B	REBOILER DRAINS AUX STEAM - SYS
RBF	O G C	REBOILER - FEEDWATER (FOSSIL)
RBH	B P H O G C	REBOILER, CHEMICAL FEED
RBM	O G C	REBOILER - STEAM (FOSSIL)
RCA	H	REACTOR COOLANT-AUXILIARY SERVICE
RCM	H	REACTOR COOLANT-MAIN CIRCULATOR SERVICE
RCR	H	PCRV PRESSURE RELIEF-SYS
RCS	B P H	REACTOR COOLANT (PRI LOOP) - SYSTEM
RDC	B P H	REACTOR ROD DRIVE - CONTROL
RDI	B P H	REACTOR ROD DRIVE - INSTRUMENTATION
RDS	B P H	REACTOR ROD DRIVE - SYSTEM
RDT	P	REACTOR ROD DRIVE, TEST
RHS	B P H	RESIDUAL HEAT REMOVAL-SYSTEM
RMA	B P H	RADIATION MONITORING - ADMINISTRATION BLDG
RMC	B P H	RADIATION MONITORING - CONTROL ROOM



SYSTEM CODE	PLANT TYPES	SYSTEM DESCRIPTION
RMD	B P H	RADIATION MONITORING - DIESEL GENERATOR ROOM
RMP	B P H	RADIATION MONITORING - FUEL STORAGE AREA
RMI	B P H	RADIATION MONITORING - INFORMATION CENTER
RMJ	B P H	RADIATION MONITORING - WASTE DISPOSAL BLDG
RMK	B P H	RADIATION MONITORING - MISC BLDGS
RMN	B P H	RADIATION MONITORING - RADWASTE BLDG
RMP	B P H	RADIATION MONITORING - PRI AUXILIARY BLDG
RMR	B P H	RADIATION MONITORING - REACTOR BLDG
RMS	B P H	RADIATION MONITORING - SYSTEM
RMT	B P H	RADIATION MONITORING - TURBINE BLDG
RMW	B P H	RADIATION MONITORING - SCREENWELL AND PUMP HOUSE
RMZ	B P H	RADIATION MONITORING - SERVICE BLDG
RPM	B P H	REACTOR PROTECTION SYSTEM - M-G SET
RPS	B P H	REACTOR PROTECTION - SYSTEM
RRC	B	REACTOR WTR RECIRCULATION -M-G SET COUPLING
RRG	B	REAC WTR RECIRC -M-G SET GENERATORS EXCITATION
RRL	B	REAC WTR RECIRC -LUBE OIL SYSTEM
RRM	B	REAC WTR RECIRC -M-G SET MOTOR
RRP	B	REAC WTR RECIRC -PROTECTION - (ELECTRIAL)
RSS	P	CONTAINMENT RECIRCULATION SPRAY - SYSTEM
RTX	B P H O G C W	RES STA SERV TRANS INCL AUXILIARIES (CLRS,ALM,ETC)
RVS	B P H	REACTOR VESSEL-SYSTEM
SAH	W	SERVICE AIR - HIGH PRESSURE
SAS	B P H O G C W	SERVICE AIR - SYSTEM



SYSTEM CODE	PLANT TYPES	SYSTEM DESCRIPTION
SAT	W	SERVICE AIR - TAILWATER DEPRESSION
SBA	O G C	SOOT BLOWING AIR-SYSTEM
SCA	B P H O G C W	STA CONT BUS (NONVITAL) -AC SUPPLY INCL TFM&TRANS SW
SCB	B P H O G C W	STATION CONTROL BUS (NONVITAL) - DC SUPPLY
SCC	B P H	STATION CONTROL - BYPASS/INOP STATUS INDIC.
SCI	B P H O G C W	STA CONT BUS (NONVITAL) -INDICATION (BKRS, VALVES, ETC)
SCM	B P H O G C	STATION CONTROL MONITORING (VITAL) - INDICATION
SCV	B P H O G C	STA CONT BUS (VITAL) -AC SUPPLY INCL TFM&TRANS SW
SDS	O G C	STEAM DRAINS - SYSTEM (FOSSIL)
SER	B P H O G C	SUPPRESSION-RESERVOIR EVAPORATION
SES	B P H	NUCLEAR SERVICING EQUIP - SYS (OTHER THAN REFUEL)
SFC	B P	SPENT FUEL-FUEL POOL CLG & CLEANUP (INC. POOL&AUX)
SFT	B	FUEL TRANSFER - SYS
SGC	P	STEAM GEN WATER CLEANUP
SGF	P H	STEAM GENERATOR-CHEMICAL FEED
SGL	P	STEAM GEN WET LAY-UP - SYSTEM
SGR	P	STEAM GENERATOR RECIRC
SHS	H	RESERVE SHUTDOWN ACTUATION-SYS
SIH	P	SAFETY INJECTION - HIGH PRESSURE
SIL	P	SAFETY INJECTION - LOW PRESSURE
SIS	P H	SAFETY INJECTION - SYSTEM
SLS	B	STANDBY LIQUID CONTROL (POISONING) - SYSTEM



SYSTEM CODE	PLANT TYPES		SYSTEM DESCRIPTION
SNS	B P H		NEUTRON SHIELDING-SYSTEM
SPB	B P H O G C	W	STATION PROTECTION - DC CONTROL SUPPLY
SPF	B P H O G C	W	STATION PROTECTION RESERVE STA SERVICE LINE
SPG	B P H O G C	W	STATION PROTECTION - GENERATOR
SPI	B P H O G C	W	STATION PROTECTION - GEN,MN TFMR,STA SER BUS
SPL	B P H O G C	W	STATION PROTECTION - GENERATOR LINE
SPM	B P H O G C	W	STATION PROTECTION - MAIN TRANSFORMER
SPR	B P H O G C	W	STATION PROTECTION - RES STA SERV TRANS
SPS	B P H O G C	W	STATION PROTECTION - STA SERV TRANS
SPU	B P H O G C	W	STATION PROTECTION - UNIT
SPX	B P H O G C	W	STATION PROTECTION-AUX PWR TRANS
SPY		S	STATION PROTECTION YARD DC CONTROL SUPPLY
SRR	B P H O G C	W	STORM SEWER - ROOF DRAINAGE
SRS	B P H O G C	W	STORM SEWER-SYSTEM
SRW	B P H O G C	W	STORM SEWER - STORM & WASTE WATER
SSA	B		SAMPLING SYSTEM-FUEL & AUX BLDG
SSC	B		SAMPLING SYSTEM - CONTAINMENT
SSF	B		SAMPLING SYSTEM - FAILED FUEL DETECTION
SSR	P H		SAMPLING SYSTEM-REACTOR PLANT
SSS	O G C	W	SAMPLING SYSTEM - PLANT
SST	B P H		SAMPLING SYSTEM - TURBINE PLANT (NUCLEAR)
SSW	B		SAMPLING SYSTEM-RADWASTE BLDG
STX	B P H O G C	W	STA SERV TRANS NORMAL INCL AUXS (CLRS,ALARMS,ETC)
SUM	B P H O G C S W		SUPERVISORY CONTROL - MULTIPLEX



SYSTEM CODE	PLANT TYPES		SYSTEM DESCRIPTION
SVH	B P H O G C		STEAM VENTS-FEEDWATER HEATER RELIEF VENT & DRAINS
SVS	B P H O C C		STEAM VENTS - SYSTEM
SVV	B P H O G C		STEAM VENTS-SAFETY VALVES
SWC	B P H O G C		SERVICE WATER-CHILLED WATER
SWG	B P H O G C	W	SWITCHGEAR
SWH	B P H O G C	W	SERVICE WATER
SWM	P		SERVICE WATER - TURBINE PLANT
SWP	B P H		SERVICE WATER-SYSTEM (NUCLEAR)
SWS	O G C	W	SERVICE WATER - SYSTEM
SWT	B P H O G C		SERVICE WATER - TRAVELING SCREENS-WASH & DISPOSAL
SWV		W	SERVICE WATER - SPHERICAL VALVE SEAL
SXS	B P H	W	STARTUP TEST INSTRUMENTATION - SYS
SYD	B P H O G C		SYNCHRONIZING - DIESEL GENERATOR
SYG	B P H O G C	W	SYNCHRONIZING - MAIN GENERATOR
SYL	B P H O G C S W		SYNCHRONIZING - LINE
SYR	B P H O G C	W	SYNCHRONIZING - RESERVE SYSTEM
SYS	B P H O G C	W	SYNCHRONIZING - STATION SERVICE
TFA	B P H O G C		TURBINE,FEED PUMP-ALARMS AND TRIPS
TFC	B P H O G C		TURBINE,FEED PUMP-CONTROL
TFD	B P H O G C		TURBINE,FEED PUMP-DISCONNECT COUPLING
TFE	B P H O G C		TURBINE,FEED PUMP-GLAND SEAL
TFG	B P H O G C		TURBINE,FEED PUMP-TURNING GEAR
TFI	B P H O G C		TURBINE,FEED PUMP-SUPERVISORY INSTRUMENTATION
TFL	B P H O G C		TURBINE,FEED PUMP-LUBE OIL
TFM	B P H O G C		TURBINE,FEED PUMP-STEAM AND EXHAUST



SYSTEM CODE	PLANT TYPES	SYSTEM DESCRIPTION
TMA	B P H O G C W	TURBINE,MAIN-ALARMS AND TRIPS
TMB	B P H O G C	TURBINE,MAIN-CONTROL (EHC)
TME	B P H O G C	TURBINE,MAIN-GLAND SEAL & EXHAUST STEAM
TMG	B P H O G C	TURBINE,MAIN-TURNING GEAR
TMH	B P H O G C W	TURBINE,MAIN-HYDRAULIC GEAR
TMI	B P H O G C W	TURBINE,MAIN-SUPERVISORY INSTRUMENTATION
TMJ	B P H O G C	TURBINE,MAIN-JACKING OIL
TML	B P H O G C W	TURBINE,MAIN-LUBE OIL
TMR	B P H O G C	TURBINE,MAIN-UNIT RUN BACK
TMS	B P H O G C W	TURBINE,MAIN-SYSTEM
TSW	B P H O G C S W	SANITARY WASTE TREATMENT SYSTEM
USS	B P H O G C W	UNIT SUBSTATION
VAS	P H	VENTS (AERATED) - SYSTEM (NUCLEAR)
VBA	B P H O G C	VITAL BUS - AC SUPPLY (TO BUS)
VBB	B P H O G C	VITAL BUS - DC SUPPLY (TO INVERTER)
VBN	B P H O G C W	VITAL BUS, NORMAL
VBS	B P H O G C	VITAL BUS-SYSTEM (INCOMING SUPPLY FROM INVERTER)
VNT	B	VENTS - TURBINE & REACTOR BLDG
VPS	B P H O G C	VACUUM PRIMING (WATER SIDE) - SYSTEM
VRS	P	VENTS GASEOUS REACTOR PLANT - SYSTEM
VRW	B	VENTS-RADWASTE BLDG EQUIP
VTP	B	VENTS,TURBINE PLANT EQPT
WCS	B	REACTOR WATER CLEANUP-SYSTEM
WDD	B P H O G C	DEMINERALIZED WATER
WLT	H	LIQUID WASTE-TRITIATED
WOS	B P H O G C W	WASTE OIL DISPOSAL-SYSTEM



SYSTEM CODE	PLANT TYPES		SYSTEM DESCRIPTION
WPS	B P H O G C	W	WELDING POWER-SYSTEM
WSC	B P H		SOLID WASTE - CONDENSATE DEMIN. SYSTEM
WSS	B P H		SOLID WASTE (RADIOACTIVE) -SYSTEM
WTA	B P H O G C		CHEMICAL FEED - ACID
WTC	B P H O G C		WATER TREATING - CHLORINATION
WTF	B		WATER TREATING-UPFLOW FILTER
WTH	B P H O G C	W	WATER TREATING-HYPOCHLORITE
WTL	B P H O G C		WATER TREATING-CLARIFIER
WTP	B P H O G C		WASTE TREATMENT-CONDS POLISHING
WTS	B P H O G C	W	WATER TREATING-SYSTEM
WTU	O G C		WATER TREATMENT-FOSSIL STATION
WTW	B P H O G C	W	WATER TREATING-CHEMICAL WASTE
WUS	O C		WARM UP OIL - SYSTEM
WV		W	SERVICE WATER - SPHERICAL VALVE SEAL
YDK		S	YARDWORK
YPB		S	13.8KV SWYD/SUBSTA-BUS DIFF/PT'S/MET/ OSCILLOGRAPH
YPC		S	13.8KV SWYD/SUBSTA-PCB CONT/AUX/BKR FAIL/ MOD SW
YPF		S	13.8KV SWYD/SUBSTA COMMON BRKR FAILURE
YPL		S	13.8KV SWYD/SUBSTA-LINE REL/MET/MOD SW/ OSC GRD SW
YPS		S	13.8KV SWYD/SUBSTA-SYNCHRONIZING
YPT		S	13.8KV SWYD/SUBSTA-TRANS AUX/TAP CHANGER
YPU		S	13.8KV SWYD/SUBSTA - YARDWORK
YPV		S	13.8KV SWYD/SUBSTA - SUBSTRUCTURE
YPW		S	13.8KV SWYD/SUBSTA - SUPERSTRUCTURE



SYSTEM CODE	PLANT TYPES	SYSTEM DESCRIPTION
YQB	S	22KV SWYD/SUBSTA-BUS DIFF/PT'S/MET/ OSCILLOGRAPH
YQC	S	22KV SWYD/SUBSTA-PCB CONT/AUX/BKR FAIL/ MOD SW
YQF	S	22KV SWYD/SUBSTA COMMON BRKR FAILURE
YQL	S	22KV SWYD/SUBSTA-LINE REL/MET/MOD SW/ OSC GRD SW
YQS	S	22KV SWYD/SUBSTA-SYNCHRONIZING
YQT	S	22KV SWYD/SUBSTA-TRANS AUX TAP CHANGER
YQU	S	22KV SWYD/SUBSTA - YARDWORK
YQV	S	22KV SWYD/SUBSTA - SUBSTRUCTURE
YQW	S	22KV SWYD/SUBSTA - SUPERSTRUCTURE
YRB	S	34KV SWYD/SUBSTA-BUS DIFF/PT'S/MET OSCILLOGRAPH
YRC	S	34KV SWYD/SUBSTA-PCB CONT/AUX BRK FAIL/ MOD SW
YRF	S	34KV SWYD/SUBSTA COMMON BRKR FAILURE
YRL	S	34KV SWYD/SUBSTA-LINE REL/MET/MOD SW/ OSC GRD SW
YRS	S	34KV SWYD/SUBSTA-SYNCHRONIZING
YRT	S	34KV SWYD/SUBSTA-TRANS AUX/TAP CHANGER
YRU	S	34KV SWYD/SUBSTA - YARDWORK
YRV	S	34KV SWYD/SUBSTA - SUBSTRUCTURE
YRW	S	34KV SWYD/SUBSTA - SUPERSTRUCTURE
YSB	S	46KV SWYD/SUBSTA-BUS DIFF/PT'S/MET OSCILLOGRAPH
YSC	S	46KV SWYD/SUBSTA-PCB CONT/AUX/BRK FAIL/ MOD SW
YSF	S	46KV SWYD/SUBSTA COMMON BRKR FAILURE
YSL	S	46KV SWYD/SUBSTA-LINE REL/MET/MOC SW/ OSC GRD SW



SYSTEM CODE	PLANT TYPES	SYSTEM DESCRIPTION
YSS	S	46KV SWYD/SUBSTA-SYNCHRONIZING
YST	S	46KV SWYD/SUBSTA-TRANS AUX/TAP CHANGER
YSU	S	46KV SWYD/SUBSTA - YARDWORK
YSV	S	46KV SWYD/SUBSTA - SUBSTRUCTURE
YSW	S	46KV SWYD/SUBSTA - SUPERSTRUCTURE
YTB	S	69KV SWYD/SUBSTA-BUS DIFF/PT'S/MET OSCILLOGRAPH
YTC	S	69KV SWYD/SUBSTA-PCBCONT/AUX BRK FAIL/ MOD SW
YTF	S	69KV SWYD/SUBSTA COMMON BRKR FAILURE
YTL	S	69KV SWYD/SUBSTA-LINE REL/MET/MOD SW/ OSC GRD SW
YTS	S	69KV SWYD/SUBSTA-SYNCHRONIZING
YTT	S	69KV SWYD/SUBSTA-TRANS AUX/TAP CHANGER
YTU	S	69KV SWYD/SUBSTA - YARDWORK
YTV	S	69KV SWYD/SUBSTA - SUBSTRUCTURE
YTW	S	69KV SWYD/SUBSTA - SUPERSTUCTURE
YUB	S	115KV SWYD/SUBSTA-BUS DIFF/PT'S/MET OSCILLOGRAPH
YUC	S	115KV SWYD/SUBSTA-PCB CONT/AUX/BRK FAIL/ MOD SW
YUF	S	115KV SWYD/SUBSTA COMMON BRKR FAILURE
YUL	S	115KV SWYD/SUBSTA-LINE REL/MET/MOD SW/OSC GRD SW
YUS	S	115KV SWYD/SUBSTA-SYNCHRONIZING
YUT	S	115KV SWYD/SUBSTA-TRANS AUX/TAP CHANGER
YUU	S	115KV SWYD/SUBSTA - YARDWORK
YUV	S	115KV SWYD/SUBSTA - SUBSTRUCTURE
YUW	S	115KV SWYD/SUBSTA - SUPERSTRUCTURE



SYSTEM CODE	PLANT TYPES	SYSTEM DESCRIPTION
YVB	S	138KV SWYD/SUBSTA-BUS DIFF/PT'S/MET/ OSCILLOGRAPH
YVC	S	138KV SWYD/SUBSTA-PCB CONT/AUX/BRK FAIL/ MOD SW
YVF	S	138KV SWYD/SUBSTA COMMON BRKR FAILURE
YVL	S	138KV SWYD/SUBSTA-LINE REL/MET/MOD SW/OSC GRD SW
YVS	S	138KV SWYD/SUBSTA-SYNCHRONIZING
YVT	S	138KV SWYD/SUBSTA-TRANS AUX/TAP CHANGER
YVU	S	138KV SWYD/SUBSTA - YARDWORK
YVV	S	138KV SWYD/SUBSTA - SUBSTRUCTURE
YVW	S	138KV SWYD/SUBSTA - SUPERSTRUCTURE
YWB	S	230KV SWYD/SUBSTA-BUS DIFF/PT'S/MET OSCILLOGRAPH
YWC	S	230KV SWYD/SUBSTA-PCB CONT/AUX ./BRK FAIL/ MOD SW
YWF	S	230KV SWYD/SUBSTA COMMON BRKR FAILURE
YWL	S	230KV SWYD/SUBSTA-LINE REL/MET/MOD SW/OSC GRD SW
YWS	S	230KV SWYD/SUBSTA-SYNCHRONIZING
YWT	S	230KV SWYD/SUBSTA-TRANS AUX/TAP CHANGER
YWU	S	230KV SWYD/SUBSTA - YARDWORK
YWV	S	230KV SWYD/SUBSTA - SUBSTRUCTURE
YWW	S	230KV SWYD/SUBSTA - SUPERSTRUCTURE
YXA	S	345KV SWYD/A-C POWER SYSTEM
YXB	S	345KV SWYD/SUBSTA-BUS DIFF/PT'S/MET/ OSCILLOGRAPH
YXC	S	345KV SWYD/SUBSTA-PCB CONT/AUX/BRK FAIL/ MOD SW
YXD	S	345KV SWYD/D-C POWER SYSTEM



SYSTEM CODE	PLANT TYPES	SYSTEM DESCRIPTION
YXF	S	345KV SWYD/SUBSTA COMMON BRKR FAILURE
YXL	S	345KV SWYD/SUBSTA-LINE REL/MET/MOD/SW/OSC GRD SW
YXS	S	345KV SWYD/SUBSTA-SYNCHRONIZING
YXT	S	345KV SWYD/SUBSTA-TRANS AUX/TAP CHANGER
YXU	S	345KV SWYD/SUBSTA - YARDWORK
YXV	S	345KV SWYD/SUBSTA - SUBSTRUCTURE
YXW	S	345KV SWYD/SUBSTA - SUPERSTRUCTURE
YYB	S	500KV SWYD/SUBSTA-BUS DIFF/PT'S/MET/ OSCILLOGRAPH
YYC	S	500KV SWYD/SUBSTA-PCB CONT/AUX/BRK FAIL/ MOD SW
YYF	S	500KV SWYD/SUBSTA-COMMON BRKR FAILURE
YYL	S	500KV SWYD/SUBSTA-LINE REL/MET/MOD SW/OSC GRD SW
YYS	S	500KV SWYD/SUBSTA-SYNCHRONIZING
YYT	S	500KV SWYD/SUBSTA-TRANS AUX/TAP CHANGER
YYU	S	500KV SWYD/SUBSTA - YARDWORK
YYV	S	500KV SWYD/SUBSTA - SUBSTRUCTURE
YYW	S	500KV SWYD/SUBSTA - SUPERSTRUCTURE
YZB	S	750KV SWYD/SUBSTA-BUS DIFF/PT'S/MET OSCILLOGRAPH
YZC	S	750KV SWYD/SUBSTA-PCB CONT/AUX/BRK FAIL/ MOD SW
YZF	S	750KV SWYD/SUBSTA-COMMON BRKR FAILURE
YZL	S	750KV SWYD/SUBSTA-LINE REL/MET/MOD SW/OSC GRD SW
YZS	S	750KV SWYD/SUBSTA-SYNCHRONIZING
YZT	S	750KV SWYD/SUBSTA-TRANS AUX/TAP CHANGER
YZU	S	750KV SWYD/SUBSTA - YARDWORK



SYSTEM
CODE

PLANT TYPES .

SYSTEM DESCRIPTION

YZV

S

750KV SWYD/SUBSTA - SUBSTRUCTURE

YZW

S

750KV SWYD/SUBSTA - SUPERSTRUCTURE

REPORT DATE 03/29/85

JOB NAME NRP - UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID SHEC ID	DESCRIPTION MANUFACTURER	PPD NO.	---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-		---RRS REF	
			BLDG	ELEV HTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---STATUS---	QUAL INST	
B22-D002 2ISC-R0113	CONDENSING CHAMBER GE	204B7269	PC	343 LH	Y	Y	Y	Y	NA	NA	NA A	N
B22-D004A 2ISC-B22*D004A	CONDENSING CHAMBER GE	204B7269	PC	318 LH	Y	Y	Y	Y	NA	NA	NA A	Y
B22-D004B 2ISC-B22*D004B	CONDENSING CHAMBER GE	204B7269	PC	318 LH	Y	Y	Y	Y	NA	NA	NA A	Y
B22-D004C 2ISC-B22*D004C	CONDENSING CHAMBER GE	204B7269	PC	318 LH	Y	Y	Y	Y	NA	NA	NA A	Y
B22-D004D 2ISC-B22*D004D	CONDENSING CHAMBER GE	204B7269	PC	318 LH	Y	Y	Y	Y	NA	NA	NA A	Y
B22-D006A 2HSS-B22*D006A	CONDENSING CHAMBER GE	204B7269	PC	283 LH	Y	Y	Y	Y	NA	NA	NA A	Y
B22-D006B 2HSS-B22*D006B	CONDENSING CHAMBER GE	204B7269	PC	283 LH	Y	Y	Y	Y	NA	NA	NA A	Y
B22-D006C 2HSS-B22*D006C	CONDENSING CHAMBER GE	204B7269	PC	283 LH	Y	Y	Y	Y	NA	NA	NA A	Y
B22-D006D 2HSS-B22*D006D	CONDENSING CHAMBER GE	204B7269	PC	283 LH	Y	Y	Y	Y	NA	NA	NA A	Y
B22-D007A 2HSS-B22*D007A	CONDENSING CHAMBER GE	204B7269	PC	283 LH	Y	Y	Y	Y	NA	NA	NA A	Y
B22-D007B 2HSS-B22*D007B	CONDENSING CHAMBER GE	204B7269	PC	283 LH	Y	Y	Y	Y	NA	NA	NA A	Y
B22-D007C 2HSS-B22*D007C	CONDENSING CHAMBER GE	204B7269	PC	283 LH	Y	Y	Y	Y	NA	NA	NA A	Y
B22-D007D 2HSS-B22*D007D	CONDENSING CHAMBER GE	204B7269	PC	283 LH	Y	Y	Y	Y	NA	NA	NA A	Y
B22-D008A 2HSS-B22*D008A	CONDENSING CHAMBER GE	204B7269	PC	283 LH	Y	Y	Y	Y	NA	NA	NA A	Y



JOB NAME NRP - UNIT 2
UTILITY NIAGARA MOHAWKSEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENTENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID SPEC ID	DESCRIPTION MANUFACTURER	PPD NO.	---LOCATION---			---LOADS---		QUAL HETH- ANLYS TEST	-NAT FREQ- LOWEST	----RRS REF		
			BLDG	ELEV	HTG	SEIS	HYDR			---STATUS---	QUAL INST	

B22-D008B 2HSS-B22*D008B	CONDENSING CHAMBER GE	204B7269	PC	283	LH	Y	Y	Y	NA	NA	NA A	Y
B22-D008C 2HSS-B22*D008C	CONDENSING CHAMBER GE	204B7269	PC	283	LH	Y	Y	Y	NA	NA	NA A	Y
B22-D008D 2HSS-B22*D008D	CONDENSING CHAMBER GE	204B7269	PC	283	LH	Y	Y	Y	NA	NA	NA A	Y
B22-D009A 2HSS-B22*D009A	CONDENSING CHAMBER GE	204B7269	PC	283	LH	Y	Y	Y	NA	NA	NA A	Y
B22-D009B 2HSS-B22*D009B	CONDENSING CHAMBER GE	204B7269	PC	283	LH	Y	Y	Y	NA	NA	NA A	Y
B22-D009C 2HSS-B22*D009C	CONDENSING CHAMBER GE	204B7269	PC	283	LH	Y	Y	Y	NA	NA	NA A	Y
B22-D009D 2HSS-B22*D009D	CONDENSING CHAMBER GE	204B7269	PC	283	LH	Y	Y	Y	NA	NA	NA A	Y
B22-F013A 2HSS*PSV133	HSL SAFETY/RELIEF VALVE DIKKERS	768E995	PC	297	LH	Y	Y	NA	Y	60.5	B	N
B22-F013B 2HSS*PSV128	HSL SAFETY/RELIEF VALVE DIKKERS	768E995	PC	297	LH	Y	Y	NA	Y	60.5	B	N
B22-F013C 2HSS*PSV137	HSL SAFETY RELIEF VALVE DIKKERS	768E995	PC	296	LH	Y	Y	NA	Y	60.5	B	N
B22-F013D 2HSS*PSV123	HSL SAFETY/RELIEF VALVE DIKKERS	768E995	PC	296	LH	Y	Y	NA	Y	60.5	B	N
B22-F013E 2HSS*PSV136	HSL SAFETY RELIEF VALVE DIKKERS	768E995	PC	296	LH	Y	Y	NA	Y	60.5	B	N
B22-F013F 2HSS*PSV122	HSL SAFETY RELIEF VALVE DIKKERS	768E995	PC	296	LH	Y	Y	NA	Y	60.5	B	N



JOB NAME NIP - UNIT 2
UTILITY NIAGARA MOHAWKSEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENTENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID SHEC ID	DESCRIPTION MANUFACTURER	PPD NO.	---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-		-----RRS REF	
			BLOG	ELEV	MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	-----STATUS----	QUAL INST
B22-F013G 2HSS*PSV132	HSL SAFETY RELIEF VALVE DIKKERS	768E995	PC	297	LH	Y	Y	NA	Y	60.5	B	N
B22-F013H 2HSS*PSV127	HSL SAFETY RELIEF VALVE DIKKERS	768E995	PC	297	LH	Y	Y	NA	Y	60.5	B	N
B22-F013J 2HSS*PSV131	HSL SAFETY RELIEF VALVE DIKKERS	768E995	PC	297	LH	Y	Y	NA	Y	60.5	B	N
B22-F013K 2HSS*PSV126	HSL SAFETY RELIEF VALVE DIKKERS	768E995	PC	297	LH	Y	Y	NA	Y	60.5	B	N
B22-F013L 2HSS*PSV135	HSL SAFETY RELIEF VALVE DIKKERS	768E995	PC	296	LH	Y	Y	NA	Y	60.5	B	N
B22-F013H 2HSS*PSV121	HSL SAFETY RELIEF VALVE DIKKERS	768E995	PC	296	LH	Y	Y	NA	Y	60.5	B	N
B22-F013N 2HSS*PSV134	HSL SAFETY RELIEF VALVE DIKKERS	768E995	PC	297	LH	Y	Y	NA	Y	60.5	B	N
B22-F013P 2HSS*PSV120	HSL SAFETY RELIEF VALVE DIKKERS	768E995	PC	297	LH	Y	Y	NA	Y	60.5	B	N
B22-F013R 2HSS*PSV130	HSL SAFETY RELIEF VALVE DIKKERS	768E995	PC	297	LH	Y	Y	NA	Y	60.5	B	N
B22-F013S 2HSS*PSV125	HSL SAFETY RELIEF VALVE DIKKERS	768E995	PC	297	LH	Y	Y	NA	Y	60.5	B	N
B22-F013U 2HSS*PSV129	HSL SAFETY RELIEF VALVE DIKKERS	768E995	PC	297	LH	Y	Y	NA	Y	60.5	B	N
B22-F013V 2HSS*PSV124	HSL SAFETY RELIEF VALVE DIKKERS	768E995	PC	297	LH	Y	Y	NA	Y	60.5	B	N
B22-N005A 2HSS*FE11A	FLOW ELEMENT GE	10504945	PC	278	LH	Y	Y	Y	NA	100+	NA B	Y
B22-N005B 2HSS*FE11B	FLOW ELEMENT GE	10504945	PC	278	LH	Y	Y	Y	NA	100+	NA B	Y



JOB NAME NMP - UNIT 2
UTILITY NIAGARA MOHAWKSEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENTENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID SHEC ID	DESCRIPTION MANUFACTURER	PPD NO.	LOCATION			LOADS		QUAL	HEATH	NAT FREQ	RRS REF	
			BLDG	ELEV	HTG	SEIS	HYDR	ANLYS	TEST	LOHEST	STATUS	QUAL
B22-N005C 2NSS*FE11C	FLOW ELEMENT GE	105D4945	PC	278	LH	Y	Y	Y	NA	100+	NA B	Y
B22-N005D 2NSS*FE11D	FLOW ELEMENT GE	105D4945	PC	278	LH	Y	Y	Y	NA	100+	NA B	Y
B22-N027 2ISC*LT105	LEVEL TRANSMITTER ROSEMOUNT	163C1560	RB	261	RH	Y	NA	NA	Y	15	96 A	Y
B22-N032 2ISC*PDT114	DIFF PRESS TRANSMITTER ROSEMOUNT	163C1560	RB	215	RH	Y	NA	NA	Y	15	96 A	N
B22-N033A 2ISC*FT48A	FLOW TRANSMITTER ROSEMOUNT	163C1560	RB	215	RH	Y	NA	NA	Y	14	96 A	Y
B22-N033B 2ISC*FT48B	FLOW TRANSMITTER ROSEMOUNT	163C1560	RB	215	RH	Y	NA	NA	Y	15	96 A	Y
B22-N033C 2ISC*FT48C	FLOW TRANSMITTER ROSEMOUNT	163C1560	RB	215	RH	Y	NA	NA	Y	14	96 A	Y
B22-N033D 2ISC*FT48D	FLOW TRANSMITTER ROSEMOUNT	163C1560	RB	215	RH	Y	NA	NA	Y	15	96 A	Y
B22-N034A 2ISC*FT47A	FLOW TRANSMITTER ROSEMOUNT	163C1560	RB	215	RH	Y	NA	NA	Y	14	96 A	Y
B22-N034B 2ISC*FT47B	FLOW TRANSMITTER ROSEMOUNT	163C1560	RB	215	RH	Y	NA	NA	Y	15	96 A	Y
B22-N034C 2ISC*FT47C	FLOW TRANSMITTER ROSEMOUNT	163C1560	RB	215	RH	Y	NA	NA	Y	14	96 A	Y
B22-N034D 2ISC*FT47D	FLOW TRANSMITTER ROSEMOUNT	163C1560	RB	215	RH	Y	NA	NA	Y	15	96 A	Y
B22-N034E 2ISC*FT47E	FLOW TRANSMITTER ROSEMOUNT	163C1560	RB	215	RH	Y	NA	NA	Y	14	96 A	Y



JOB NAME NIP - UNIT 2
UTILITY NIAGARA MOHAWKSEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENTENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID SHEC ID	DESCRIPTION MANUFACTURER	PPD NO.	---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-	---RRS REF	
			BLDG	ELEV MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---STATUS---	QUAL INST
B22-N034F 2ISC*FT47F	FLOW TRANSHITTER ROSEMOUNT	163C1560	RB	215 RH	Y	NA	NA	Y	15	96 A	Y
B22-N034G 2ISC*FT47G	FLOW TRANSHITTER ROSEMOUNT	163C1560	RB	215 RH	Y	NA	NA	Y	14	96 A	Y
B22-N034H 2ISC*FT47H	FLOW TRANSHITTER ROSEMOUNT	163C1560	RB	215 RH	Y	NA	NA	Y	15	96 A	Y
B22-N034J 2ISC*FT47J	FLOW TRANSHITTER ROSEMOUNT	163C1560	RB	215 RH	Y	NA	NA	Y	14	96 A	Y
B22-N034K 2ISC*FT47K	FLOW TRANSHITTER ROSEMOUNT	163C1560	RB	215 RH	Y	NA	NA	Y	15	96 A	Y
B22-N034L 2ISC*FT47L	FLOW TRANSHITTER ROSEMOUNT	163C1560	RB	215 RH	Y	NA	NA	Y	14	96 A	Y
B22-N034N 2ISC*FT47N	FLOW TRANSHITTER ROSEMOUNT	163C1560	RB	215 RH	Y	NA	NA	Y	15	96 A	Y
B22-N034P 2ISC*FT47P	FLOW TRANSHITTER ROSEMOUNT	163C1560	RB	215 RH	Y	NA	NA	Y	14	96 A	Y
B22-N034R 2ISC*FT47R	FLOW TRANSHITTER ROSEMOUNT	163C1560	RB	215 RH	Y	NA	NA	Y	15	96 A	Y
B22-N034S 2ISC*FT47S	FLOW TRANSHITTER ROSEMOUNT	163C1560	RB	215 RH	Y	NA	NA	Y	14	96 A	Y
B22-N034T 2ISC*FT47T	FLOW TRANSHITTER ROSEMOUNT	163C1560	RB	215 RH	Y	NA	NA	Y	15	96 A	Y
B22-N034U 2ISC*FT47U	FLOW TRANSHITTER ROSEMOUNT	163C1560	RB	215 RH	Y	NA	NA	Y	14	96 A	Y
B22-N034V 2ISC*FT47V	FLOW TRANSHITTER ROSEMOUNT	163C1560	RB	215 RH	Y	NA	NA	Y	15	96 A	Y



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UTILITY NIAGARA MOHAWKSEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENTENGINEER: STONE & WEBSTER
NSSL SUPPLIER: GENERAL ELECTRIC

EQUIP. ID SPEC ID	DESCRIPTION MANUFACTURER	PPD NO.	---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ- LOWEST	-----RRS REF	
			BLDG	ELEV	HTG	SEIS	HYDR	ANLYS	TEST	STATUS--- QUAL INST	
B22-N034W 2ISC*FT47H	FLOW TRANSHITTER ROSEMOUNT	163C1560	RB	215	RH	Y	NA	NA	Y	15	96 A Y
B22-N044A 2ISC*LT13A	LEVEL TRANSHITTER ROSEMOUNT	163C1560	RB	215	RH	Y	NA	NA	Y		96 A Y
B22-N044B 2ISC*LT13B	LEVEL TRANSHITTER ROSEMOUNT	169C039J	RB	215	RH	Y	NA	NA	Y	15	96 A Y
B22-N062A 2ISC*PT6A	PRESSURE TRANSHITTER ROSEMOUNT	169C0394	RB	261	RH	Y	NA	NA	Y	15	94 A Y
B22-N062B 2ISC*PT6B	PRESSURE TRANSHITTER ROSEMOUNT	169C0394	RB	261	RH	Y	NA	NA	Y	15	94 A Y
B22-N067C 2ISC*PT16B	PRESSURE TRANSHITTER ROSEMOUNT	163C1550	RB	261	RH	Y	NA	NA	Y	15	94 A Y
B22-N067G 2ISC*PT16D	PRESSURE TRANSHITTER ROSEMOUNT	163C1550	RB	261	RH	Y	NA	NA	Y	15	94 A Y
B22-N067L 2ISC*PT16A	PRESSURE TRANSHITTER ROSEMOUNT	163C1550	RB	261	RH	Y	NA	NA	Y	14	94 A Y
B22-N067R 2ISC*PT16C	PRESSURE TRANSHITTER ROSEMOUNT	163C1550	RB	261	RH	Y	NA	NA	Y	14	94 A Y
B22-N068A 2ISC*PT5A	PRESSURE TRANSHITTER ROSEMOUNT	163C1564	RB	261	RH	Y	N	NA	Y	15	94 A Y
B22-N068E 2ISC*PT5D	PRESSURE TRANSHITTER ROSEMOUNT	163C1564	RB	261	RH	Y	N	NA	Y	15	94 A Y
B22-N073C 2ISC*LT10B	LEVEL TRANSHITTER ROSEMOUNT	163C1561	RB	261	RH	Y	NA	NA	Y	15	94 A Y
B22-N073G 2ISC*LT10D	LEVEL TRANSHITTER ROSEMOUNT	163C1561	RB	261	RH	Y	NA	NA	Y	15	94 A Y



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UTILITY NIAGARA MOHAWKSEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENTENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID SPEC ID	DESCRIPTION MANUFACTURER	PPD NO.	---LOCATION---		---LOADS---		-QUAL HETH-		-NAT FREQ-	---RRS REF	
			BLDG	ELEV HTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---STATUS---	QUAL INST
B22-N073L 2ISC*LT10A	LEVEL TRANSHITTER ROSEHOUNT	163C1561	RB	261 RH	Y	NA	NA	Y	14	94	Y
B22-N073R 2ISC*LT10C	LEVEL TRANSHITTER ROSEHOUNT	163C1561	RB	261 RH	Y	NA	NA	Y	14	94	Y
B22-N075A 2CNI*PT46A	PRESSURE TRANSHITTER ROSEHOUNT	188C7360	TB	306 RH	Y	NA	NA	Y		7	N
B22-N075B 2CNI*PT46B	PRESSURE TRANSHITTER ROSEHOUNT	188C7360	TB	306 RH	Y	NA	NA	Y		7	N
B22-N075C 2CNI*PT46C	PRESSURE TRANSHITTER ROSEHOUNT	188C7360	TB	306 RH	Y	NA	NA	Y		7	N
B22-N075D 2CNI*PT46D	PRESSURE TRANSHITTER ROSEHOUNT	188C7360	TB	306 RH	Y	NA	NA	Y		7	N
B22-N076A 2HSS*PT20A	PRESSURE TRANSHITTER ROSEHOUNT	188C7360	TB	278 RH	Y	NA	NA	Y		12	N
B22-N076B 2HSS*PT20B	PRESSURE TRANSHITTER ROSEHOUNT	188C7360	TB	278 RH	Y	NA	NA	Y		12	N
B22-N076C 2HSS*PT20C	PRESSURE TRANSHITTER ROSEHOUNT	188C7360	TB	278 RH	Y	NA	NA	Y		12	N
B22-N076D 2HSS*PT20D	PRESSURE TRANSHITTER ROSEHOUNT	188C7360	TB	278 RH	Y	NA	NA	Y		12	N
B22-N078A 2ISC*PT4A	PRESSURE TRANSHITTER ROSEHOUNT	163C1564	RB	261 RH	Y	N	NA	Y	15	94	Y
B22-N078B 2ISC*PT4B	PRESSURE TRANSHITTER ROSEHOUNT	163C1564	RB	261 RH	Y	N	NA	Y	15	94	Y
B22-N078C 2ISC*PT4C	PRESSURE TRANSHITTER ROSEHOUNT	163C1564	RB	261 RH	Y	N	NA	Y	14	94	Y
B22-N078D 2ISC*PT4D	PRESSURE TRANSHITTER ROSEHOUNT	163C1564	RB	261 RH	Y	N	NA	Y	15	94	Y



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MASTER LIST OF SAFETY RELATED EQUIPMENTENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID SHEC ID	DESCRIPTION MANUFACTURER	PPD NO.	---LOCATION---			---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF	
			BLDG	ELEV	HTG	SEIS	HYDR	ANLYS	TEST	LOHEST	---STATUS---	QUAL INST
B22-N080A 2ISC*LT7C	LEVEL TRANSHITTER ROSEHOUNT	169C8392	RB	261	RH	Y	NA	NA	Y	15	94 A	Y
B22-N080B 2ISC*LT7B	LEVEL TRANSHITTER ROSEHOUNT	169C8392	RB	261	RH	Y	NA	NA	Y	15	94 A	N
B22-N080C 2ISC*LT7A	LEVEL TRANSHITTER ROSEHOUNT	169C8392	RB	261	RH	Y	NA	NA	Y	14	94 A	Y
B22-N080D 2ISC*LT7D	LEVEL TRANSHITTER ROSEHOUNT	169C8392	RB	261	RH	Y	NA	NA	Y	15	94 A	Y
B22-N081A 2ISC*LT11A	LEVEL TRANSHITTER ROSEHOUNT	163C1561	RB	261	RH	Y	NA	NA	Y	15	94 A	Y
B22-N081B 2ISC*LT11B	LEVEL TRANSHITTER ROSEHOUNT	163C1561	RB	261	RH	Y	NA	NA	Y	15	94 A	Y
B22-N081C 2ISC*LT11C	LEVEL TRANSHITTER ROSEHOUNT	163C1561	RB	261	RH	Y	NA	NA	Y	14	94 A	Y
B22-N081D 2ISC*LT11D	LEVEL TRANSHITTER ROSEHOUNT	163C1561	RB	261	RH	Y	NA	NA	Y	15	94 A	Y
B22-N091A 2ISC*LT9A	LEVEL TRANSHITTER ROSEHOUNT	163C1561	RB	261	RH	Y	NA	NA	Y	15	94 A	Y
B22-N091B 2ISC*LT9B	LEVEL TRANSHITTER ROSEHOUNT	163C1561	RB	261	RH	Y	NA	NA	Y	15	94 A	Y
B22-N091E 2ISC*LT9C	LEVEL TRANSHITTER ROSEHOUNT	163C1561	RB	261	RH	Y	NA	NA	Y	15	94 A	Y
B22-N091F 2ISC*LT9D	LEVEL TRANSHITTER ROSEHOUNT	163C1561	RB	261	RH	Y	NA	NA	Y	15	94 A	Y
B22-N094A 2ISC*PT17A	PRESSURE TRANSHITTER ROSEHOUNT	163C1558	RB	261	RH	Y	NA	NA	Y	15	94 A	Y



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UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID SPEC ID	DESCRIPTION MANUFACTURER	PPD NO.	---LOCATION---			---LOADS---		-QUAL METH-		-NAT FREQ-	-----RRS REF	
			BLDG	ELEV	HTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---STATUS---	QUAL INST
B22-N094B 2ISC*PT17B	PRESSURE TRANSMITTER ROSEMOUNT	163C1558	RB	261	RH	Y	NA	NA	Y	15	94	Y
B22-N094E 2ISC*PT17C	PRESSURE TRANSMITTER ROSEMOUNT	163C1558	RB	261	RH	Y	NA	NA	Y	15	94	N
B22-N094F 2ISC*PT17D	PRESSURE TRANSMITTER ROSEMOUNT	163C1558	RB	261	RH	Y	NA	NA	Y	15	94	Y
B22-N095A 2ISC*LT12A	LEVEL TRANSMITTER ROSEMOUNT	163C1561	RB	261	RH	Y	NA	NA	Y	15	94	Y
B22-N095B 2ISC*LT12B	LEVEL TRANSMITTER ROSEMOUNT	163C1561	RB	261	RH	Y	NA	NA	Y	15	94	Y
B22-N402A 2ISC*LT8A	LEVEL TRANSMITTER ROSEMOUNT	188C7360	RB	261	RH	Y	NA	NA	Y	15	94	N
B22-N402B 2ISC*LT8C	LEVEL TRANSMITTER ROSEMOUNT	188C7360	RB	261	RH	Y	NA	NA	Y	15	94	N
B22-N402E 2ISC*LT8B	LEVEL TRANSMITTER ROSEMOUNT	188C7360	RB	261	RH	Y	NA	NA	Y	15	94	N
B22-N402F 2ISC*LT8D	LEVEL TRANSMITTER ROSEMOUNT	188C7360	RB	261	RH	Y	NA	NA	Y	15	94	N
B22-N403A 2ISC*PT2A	PRESSURE TRANSMITTER ROSEMOUNT	188C7360	RB	261	RH	Y	NA	NA	Y	15	94	Y
B22-N403B 2ISC*PT2C	PRESSURE TRANSMITTER ROSEMOUNT	188C7360	RB	261	RH	Y	NA	NA	Y	15	94	Y
B22-N403E 2ISC*PT2B	PRESSURE TRANSMITTER ROSEMOUNT	188C7360	RB	261	RH	Y	NA	NA	Y	15	94	Y
B22-N403F 2ISC*PT2D	PRESSURE TRANSMITTER ROSEMOUNT	188C7360	RB	261	RH	Y	NA	NA	Y	15	94	Y
B22-N674G	TRIP UNIT	184C5988	CB	306	CH	Y	NA				18	Y



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MASTER LIST OF SAFETY RELATED EQUIPMENTENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID SHEC ID	DESCRIPTION MANUFACTURER	PPD NO.	LOCATION		LOADS		QUAL METH		NAT FREQ- LOWEST	RRS REF		
			BLDG	ELEV	HTG	SEIS	HYDR	ANLYS		TEST	STATUS	QUAL INST
B22-N674R	TRIP UNIT	184C5988	CB	306	CH	Y	NA			18	Y	
B22-N693E	TRIP UNIT	184C5988	CB	306	CH	Y	NA			18	Y	
B22-N693F	TRIP UNIT	184C5988	CB	306	CH	Y	NA			18	Y	
B22-R004A 2ISC*PI3A	PRESSURE INDICATOR ROBERTSHAW	163C1184	RB	261	RH	Y	NA	NA	Y	15	94 A	Y
B22-R004B 2ISC*PI3B	PRESSURE INDICATOR ROBERTSHAW	163C1184	RB	261	RH	Y	NA	NA	Y	15	94 A	Y
B22-R005 2ISC*PDI103	LEVEL INDICATOR BARTON	163C1181	RB	215	RH	Y	NA	NA	Y	14	96 A	Y
B22-R009A 2ISC*PDI31A	LEVEL INDICATOR BARTON	163C1181	RB	261	RH	Y	NA	NA	Y	15	94 A	Y
B22-R009B 2ISC*PDI31B	LEVEL INDICATOR BARTON	163C1181	RB	261	RH	Y	NA	NA	Y	15	94 A	Y
B35-C001A 2RCS*PIA	RECIRC PUMP/MOTOR BINGHAM/GE	731E724	PC	253	HH	Y	Y	Y	NA		70 C	N
B35-C001B 2RCS*PIB	RECIRC PUMP/MOTOR BINGHAM/GE	731E724	PC	253	HH	Y	Y	Y	NA		70 C	N
B35-F023A 2RCS*HOV10A	RECIRC LOOP SUCTION V DARLING	21A8717AH	PC	249	LH	Y	Y	Y	NA		70 B	Y
B35-F023B 2RCS*HOV10B	RECIRC LOOP SUCTION V DARLING	21A8717AH	PC	249	LH	Y	Y	Y	NA		70 B	Y
B35-F060A 2RCS*HYV17A	RECIRC LOOP CONTROL V FISHER	769E487	PC	253	LH	Y	Y	Y	NA		70 C	Y



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UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID SWEC ID	DESCRIPTION MANUFACTURER	PPD NO.	LOCATION		LOADS		QUAL METH		-NAT FREQ- LOHEST	RRS REF	
			BLDG	ELEV HTG	SEIS	HYDR	ANLYS	TEST		STATUS	QUAL INST
B35-F060B 2RCS*HYV17B	RECIRC LOOP CONTROL V FISHER	769E487	PC	253 LH	Y	Y	Y	NA		70 C	Y
B35-F067A 2RCS*HOV18A	RECIRC LOOP DISCH BLOCK DARLING	21A8717AH	PC	253 LH	Y	Y	NA	Y	12.0	70 B	Y
B35-F067B 2RCS*HOV18B	RECIRC LOOP DISCH BLOCK DARLING	21A8717AH	PC	253 LH	Y	Y	NA	Y	12.0	B	Y
B35-N011A 2RCS*FT83A	FLOW TRANSHITTER ROSEMOUNT	163C1560	RB	215 RH	Y	NA	NA	Y	15	96 A	Y
B35-N011B 2RCS*FT83B	FLOW TRANSHITTER ROSEMOUNT	163C1560	RB	215 RH	Y	NA	NA	Y	14	96 A	Y
B35-N014A 2RCS*FT6A	FLOW TRANSHITTER ROSEMOUNT	163C1561	RB	215 RH	Y	NA	NA	Y	15	96 A	N
B35-N014B 2RCS*FT8A	FLOW TRANSHITTER ROSEMOUNT	163C1561	RB	215 RH	Y	NA	NA	Y	15	96 A	N
B35-N014C 2RCS*FT7A	FLOW TRANSHITTER ROSEMOUNT	163C1561	RB	215 RH	Y	NA	NA	Y	14	96 A	N
B35-N014D 2RCS*FT9A	FLOW TRANSHITTER ROSEMOUNT	163C1561	RB	215 RH	Y	NA	NA	Y	14	96 A	N
B35-N022 2RCS*TH106	TEMPERATURE ELEMENT CALOY/PYCO	117C3485	PC	261 LH	Y	Y	Y	NA	173	131 A	Y
B35-N023A 2RCS-TE13A	TEMPERATURE ELEMENT	159C4520	PC	240	Y	Y	Y	NA	164	71 A	N
B35-N023B 2RCS-TE13B	TEMPERATURE ELEMENT	159C4520	PC	240	Y	Y	Y	NA	164	71 A	N
B35-N024A 2RCS*FT6B	FLOW TRANSHITTER ROSEMOUNT	163C1561	RB	215 RH	Y	NA	NA	Y	14	96 A	N
B35-N024B 2RCS*FT8B	FLOW TRANSHITTER ROSEMOUNT	163C1561	RB	215 RH	Y	NA	NA	Y	14	96 A	N



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MASTER LIST OF SAFETY RELATED EQUIPMENTENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID SHEC ID	DESCRIPTION MANUFACTURER	PPD NO.	BLDG	ELEV	HTG	SEIS	HYOR	ANLYS	TEST	NAT FREQ- LOWEST	RRS REF QUAL INST	STATUS---
B35-N024C 2RCS*FT7B	FLOW TRANSHITTER ROSEMOUNT	163C1561	RB	215	RH	Y	NA	NA	Y	14	96 A	N
B35-N024D 2RCS*FT9B	FLOW TRANSHITTER ROSEMOUNT	163C1561	RB	215	RH	Y	NA	NA	Y	14	96 A	N
B35-N028A 2RCS-TE12A	TEMPERATURE ELEHENT	159C4520	PC	240		Y	NA	NA	Y		71 A	N
B35-N028B 2RCS-TE12B	TEMPERATURE ELEHENT	159C4520	PC	240		Y	Y	NA	Y		71 A	N
B35-N029 2HSS-TE115	TEMPERATURE ELEMENT	159C4520	HST	252		Y	NA	NA	Y		5 A	N
B35-N030 2HSS-TE116	TEMPERATURE ELEMENT	159C4520	HST	252		Y	NA	NA	Y		5 A	N
B35-N040 2ISC*PT115	PRESSURE TRANSHITTER ROSEMOUNT	163C1563	RB	261	RH	Y	NA	NA	Y	15	94 A	N
C12-D001 2RDS*	HYDRAULIC CONTROL UNIT (QTY 185) GE	761E500	RB	261	CF	Y	NA	Y	Y	10+	94 A	Y
C12-F009 2RDS*SOVX154	2RDS*SOVY154 VALCOR ENGRG	21A9317AK	RB	261	RH	Y	NA	NA	Y	100+	94 A	N
C12-F010 2RDS*AOV124	DISCH HDR VENT V FISHER CONTROL	21A1997	RB	261	LH	Y	NA	NA	Y	10.6	94 A	N
C12-F011 2RDS*AOV123	DISCH HDR DRAIN V FISHER CONTROL	21A1997	RB	240	LH	Y	NA	NA	Y	18.5	95 A	Y
C12-F110A 2RDS*SOV138	BACKUP SCRAM SOL VALCOR ENGRG	21A9317AU	RB	261	RH	Y	NA	NA	Y	60+	94 A	N
C12-F110B 2RDS*SOV137	BACKUP SCRAM SOL VALCOR ENGRG	21A9317AU	RB	261	RH	Y	NA	NA	Y	60+	94 A	N



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MASTER LIST OF SAFETY RELATED EQUIPMENTENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID SHEC ID	DESCRIPTION MANUFACTURER	PPD NO.	---LOCATION---		---LOADS---		---QUAL METH---		---NAT FREQ--- LOWEST	---RRS REF ---STATUS--- QUAL INST	
			BLDG	ELEV HTG	SEIS	HYDR	ANLYS	TEST			
C12-F160A 2RDS*SOV162	ARI VALVE VALCOR ENGRG	21A9317AU	RB	261 RH	Y	NA	NA	Y	60+	94 A	N
C12-F160B 2RDS*SOV163	ARI VALVE VALCOR ENGRG	21A9317AU	RB	261 RH	Y	NA	NA	Y	60+	94 A	N
C12-F162A 2RDS*SOV156	ARI VALVE VALCOR ENGRG	21A9317AH	RB	261 RH	Y	NA	NA	Y	60+	94 A	N
C12-F162B 2RDS*SOV157	ARI VALVE VALCOR ENGRG	21A9317AH	RB	261 RH	Y	NA	NA	Y	60+	94 A	N
C12-F162C 2RDS*SOV158	ARI VALVE VALCOR ENGRG	21A9317AH	RB	261 RH	Y	NA	NA	Y	60+	94 A	N
C12-F162D 2RDS*SOV159	ARI VALVE VALCOR ENGRG	21A9317AH	RB	261 RH	Y	NA	NA	Y	60+	94 A	N
C12-F163A 2RDS*SOV160	ARI VALVE VALCOR ENGRG	21A9317AH	RB	261 RH	Y	NA	NA	Y	60+	94 A	N
C12-F163B 2RDS*SOV161	ARI VALVE VALCOR ENGRG	21A9317AH	RB	261 RH	Y	NA	NA	Y	60+	94 A	N
C12-F180 2RDS*AOV132	DISCH HDR VENT V HAMMEL DAHL	22A6924AA	RB	261 LH	Y	NA	NA	Y	20.0	NA A	N
C12-F181 2RDS*AOV130	DISCH HDR DRAIN V HAMMEL DAHL	22A6924AB	RB	240 LH	Y	NA	NA	Y	32.0	NA A	N
C12-F182 2RDS*SOVX155	2 VALCOR ENGRG	21A9317AV	RB	265 RB	Y	NA	NA	Y	100+	94 A	N
C12-N012A 2RDS*LT12B	LEVEL TRANSHITTER	184C4775	RB	261	Y	NA	NA	Y		94 B	N
C12-N012B 2RDS*LT12B	LEVEL TRANSHITTER	184C4775	RB	261	Y	NA	NA	Y		94 B	N
C12-N012C 2RDS*LT12A	LEVEL TRANSHITTER	184C4775	RB	261	Y	NA	NA	Y		94 B	N



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MASTER LIST OF SAFETY RELATED EQUIPMENTENGINEER: STONE & WEBSTER
NSSF SUPPLIER: GENERAL ELECTRIC

EQUIP. ID SWEC ID	DESCRIPTION MANUFACTURER	PPD NO.	---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF		
			BLDG	ELEV HTG	SEIS	HYDR	ANLYS	TEST	LOHEST	---STATUS---	QUAL	INST
C12-N012D 2RDS*LTX12A	LEVEL TRANSHITTER	184C4775	RB	261	Y	NA	NA	Y		94 B	N	
C12-N013A 2RDS*LSY11A	LEVEL SWITCH	184C4776	RB	261	Y	NA	NA	Y		94 B	N	
C12-N013B 2RDS*LSX11A	LEVEL SWITCH	184C4776	RB	261	Y	NA	NA	Y		94 B	N	
C12-N013C 2RDS*LSY11B	LEVEL SWITCH	184C4776	RB	261	Y	NA	NA	Y		94 B	N	
C12-N013D 2RDS*LSX11B	LEVEL SWITCH	184C4776	RB	261	Y	NA	NA	Y		94 B	N	
C12-N601A 2RDS-LISY12B	TRIP UNIT	184C5988	CB	306	CH	Y	NA	NA	Y	22	18 A	Y
C12-N601B 2RDS-LISX12B	TRIP UNIT	184C5988	CB	306	CH	Y	NA	NA	Y	22	18 A	Y
C12-N601C 2RDS-LISY12A	TRIP UNIT	184C5988	CB	306	CH	Y	NA	NA	Y	22	18 A	Y
C12-N601D 2RDS-LISX12A	TRIP UNIT	184C5988	CB	306	CH	Y	NA	NA	Y	22	18 A	Y
C22-P001 2CEC*P001	RRCS PANEL	945E355	CB	306	CF	Y	NA				18	Y
C22-P002 2CEC*P002	RRCS PANEL	945E355	CB	306	CF	Y	NA				18	Y
C22A-S01A 2RRS*	PUSH BUTTON GE	184C5847	CB	306	CH	Y	NA	NA	Y	14	18 A	N
C22A-S01B 2RRS*	PUSH BUTTON GE	184C5847	CB	306	CH	Y	NA	NA	Y	14	18 A	N



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MASTER LIST OF SAFETY RELATED EQUIPMENTENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID SNEC ID	DESCRIPTION MANUFACTURER	PPD NO.	---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ- LOWEST	---RRS REF	
			BLDG	ELEV HTG	SEIS	HYDR	ANLYS	TEST		---STATUS---	QUAL INST
C22A-S01C 2RRS*	PUSH BUTTON GE	184C5847	CB	306 CH	Y	NA	NA	Y	14	18 A	N
C22A-S01D 2RRS*	PUSH BUTTON GE	184C5847	CB	306 CH	Y	NA	NA	Y	14	18 A	N
C22A-S02A 2RRS*	CONTROL SWITCH	169C9490	CB	288 CH	Y	NA				17	N
C22A-S02B 2RRS*	CONTROL SWITCH	169C9490	CB	288 CH	Y	NA				17	N
C22A-S02C 2RRS*	CONTROL SWITCH	169C9490	CB	288 CH	Y	NA				17	N
C22A-S02D 2RRS*	CONTROL SWITCH	169C9490	CB	288 CH	Y	NA				17	N
C22A-S03A 2RRS*	CONTROL SWITCH GE	169C9490	CB	306 CH	Y	NA	NA	Y	14	18 A	N
C22A-S03B 2RRS*	CONTROL SWITCH GE	169C9490	CB	306 CH	Y	NA	NA	Y	14	18 A	N
C22A-S03C 2RRS*	CONTROL SWITCH GE	169C9490	CB	306 CH	Y	NA	NA	Y	14	18 A	N
C22A-S03D 2RRS*	CONTROL SWITCH GE	169C9490	CB	306 CH	Y	NA	NA	Y	14	18 A	N
C22A-S04A 2RRS*	CONTROL SWITCH GE	169C9490	CB	306 CH	Y	NA	NA	Y	14	18 A	N
C22A-S04B 2RRS*	CONTROL SWITCH GE	169C9490	CB	306 CH	Y	NA	NA	Y	14	18 A	N
C22A-S04C 2RRS*	CONTROL SWITCH GE	169C9490	CB	306 CH	Y	NA	NA	Y	14	18 A	N
C22A-S04D 2RRS*	CONTROL SWITCH GE	169C9490	CB	306 CH	Y	NA	NA	Y	14	18 A	N



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MASTER LIST OF SAFETY RELATED EQUIPMENTENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID SNEC ID	DESCRIPTION MANUFACTURER	PPD NO.	---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF	
			BLDG	ELEV HTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---STATUS---	QUAL
C33-N003A 2HSS*FT11A	FLOW TRANSHITTER ROSEHOUNT	163C1560	RB	215 RH	Y	NA	NA	Y	14	96 A	N
C33-N003B 2HSS*FT11B	FLOW TRANSHITTER ROSEHOUNT	163C1560	RB	215 RH	Y	NA	NA	Y	14	96 A	N
C33-N003C 2HSS*FT11C	FLOW TRANSHITTER ROSEHOUNT	163C1560	RB	215 RH	Y	NA	NA	Y	14	96 A	Y
C33-N003D 2HSS*FT11D	FLOW TRANSHITTER ROSEHOUNT	163C1560	RB	215 RH	Y	NA	NA	Y	14	96 A	Y
C33-N004A 2ISC*PDT14A	DIFF PRESS TRANSHITTER ROSEHOUNT	163C1560	RB	261 RH	Y	NA	NA	Y	14	94 A	Y
C33-N004B 2ISC*PDT14B	DIFF PRESS TRANSHITTER ROSEHOUNT	163C1560	RB	261 RH	Y	NA	NA	Y	15	94 A	Y
C33-N004C 2ISC*PDT14C	DIFF PRESS TRANSHITTER ROSEHOUNT	163C1560	RB	261 RH	Y	NA	NA	Y	15	94 A	Y
C33-N005 2ISC*PT108	PRESSURE TRANSHITTER ROSEHOUNT	163C1563	RB	261 RH	Y	NA	NA	Y	14	94 A	Y
C33-N008 2ISC*PT109	PRESSURE TRANSHITTER ROSEHOUNT	163C1563	RB	261 RH	Y	NA	NA	Y	14	94 A	Y
C33-N017 2ISC*PDT110	DIFF PRESS TRANSHITTER ROSEHOUNT	163C1560	RB	261 RH	Y	NA	NA	Y	15	94 A	Y
C41-A001 2SLS*TK1	SLC TANK BOEING	283X596	RB	289 CF	Y	NA	Y	NA	58.8	93 C	N
C41-C001A 2SLS*P1A	SLC PUMP/MOTOR UNION PUMP/GE	21A1921AD	RB	289 CF	Y	NA	Y	Y	100+/57	93 A	Y
C41-C001B 2SLS*P1B	SLC PUMP/MOTOR UNION PUMP/GE	21A1921AD	RB	289 CF	Y	NA	Y	Y	100+/57	93 A	Y



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NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID SPEC ID	-----EQUIPMENT-----		---LOCATION---			---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF	
	DESCRIPTION MANUFACTURER	PPD NO.	BLDG	ELEV	HTG	SEIS	HYDR	ANLYS	TEST	LOHEST	---STATUS---	QUAL INST
C41-D002 2SLS-CH2	SLC OPOERATING HTR	166B7321	RB	289	EH	Y	NA				93	N
C41-D003 2SLS*CH1	SLC MIXING HEATER	166B7370	RB	289	EH	Y	NA				93	N
C41-F004A 2SLS*VEX3A	SLC EXPLOSIVE VALVE CONAX CORP	21A9370AB	RB	296	LH	Y	NA	NA	Y	100+	NA A	N
C41-F004B 2SLS*VEX3B	SLC EXPLOSIVE VALVE CONAX CORP	21A9370AB	RB	296	LH	Y	NA	NA	Y	100+	NA A	N
C41-K600A 2SLS*	POWER SUPPLY	184C5841	CB	306	CH	Y	NA	NA	Y	17.8	18 A	Y
C41-K600B 2SLS*	POWER SUPPLY	184C5841	CB	306	CH	Y	NA	NA	Y	19	18 A	Y
C41-N001 2SLS*LT103	LEVEL TRANSHITTER	163C1559	RB	289	RH	Y	NA				93	Y
C41-N003 2SLS*TS102	TEMPERATURE SWITCH HEED	157C4629	RB	289		Y	NA	Y	NA	7265	93 A	N
C41-N004A 2SLS*PT4A	PRESSURE TRANSHITTER ROSEHOUNT	188C7360	RB	289	RH	Y	NA	NA	Y		93 A	Y
C41-N004B 2SLS*PT4B	PRESSURE TRANSHITTER ROSEHOUNT	188C7360	RB	289	RH	Y	NA	NA	Y		93 A	Y
C41-N007 2SLS*FT113	FLOW TRANSHITTER		RB	289	RH	Y	NA				93	N
C41-N010A 2SLS*LT6A	LEVEL TRANSHITTER	184C4775	RB	289	RH	Y	NA	NA	Y		93 B	N
C41-N010B 2SLS*LT6B	LEVEL TRANSHITTER	184C4775	RB	289	RH	Y	NA	NA	Y		93 B	N
C41-N010C 2SLS*LT6C	LEVEL TRANSHITTER	184C4775	RB	289	RH	Y	NA	NA	Y		93 B	N



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NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID SHEC ID	DESCRIPTION MANUFACTURER	PPD NO.	LOCATION		LOADS		QUAL METH		NAT FREQ- LOWEST	RRS REF	
			BLOG	ELEV HTG	SEIS	HYDR	ANLYS	TEST		STATUS	INST
C41-N0100 2SLS*LT60	LEVEL TRANSHITTER	184C4775	RB	289 RH	Y	NA	NA	Y		93 B	N
C41-R003 2SLS*PI107	PRESSURE INDICATOR ROBERTSHAW	163C1184	RB	289 RH	Y	NA	NA	Y	NA	93 A	N
C41A-SRU2 2SLS*	SIGNAL RESISTOR UNIT BAILEY	147D7166	CB	306 CH	Y	NA	NA	Y	19	18 A	Y
C41A-S01A 2SLS*	CONTROL SWITCH ELECTROSHITCH	169C9585	CB	306 CH	Y	NA	NA	Y	19	18 A	Y
C41A-S01B 2SLS*	CONTROL SWITCH ELECTROSHITCH	169C9585	CB	306 CH	Y	NA	NA	Y	19	18 A	Y
C41A-S03A 2SLS*	CONTROL SWITCH	164C9490	RB	289 RH	Y	NA				93	Y
C41A-S03B 2SLS*	CONTROL SWITCH	164C9490	RB	289 RH	Y	NA				93	Y
C41A-S04A 2SLS*	CONTROL SWITCH	164C9490	RB	289 RH	Y	NA				93	Y
C41A-S04B 2SLS*	CONTROL SWITCH	164C9490	RB	289 RH	Y	NA				93	Y
C51-J003 2NIS*	DRYHELL PENETRATION (QTY 6) GE	112C2398	RB	254 LH	Y	Y	NA	Y	100+	NA B	Y
C51-J004A 2NIS*	VALVE ASSEMBLY GE	136B1302	RB	240	Y		Y	NA	0.5	95 A	N
C51-J004B 2NIS*	VALVE ASSEMBLY GE	136B1302	RB	240	Y		Y	NA	0.5	95 A	N
C51-J004C 2NIS*	VALVE ASSEMBLY GE	136B1302	RB	240	Y		Y	NA	0.5	95 A	N



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MASTER LIST OF SAFETY RELATED EQUIPMENTENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID SPEC ID	DESCRIPTION MANUFACTURER	PPD NO.	---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ- LOHEST	----RRS REF	
			BLDG	ELEV MTG	SEIS	HYDR	ANLYS	TEST		---STATUS---	QUAL INST
C51-J004D 2NHS*	VALVE ASSEMBLY GE	136B1302	RB	240	Y		Y	NA	0.5	95 A	N
C51-J004E 2NHS*	VALVE ASSEMBLY GE	136B1302	RB	240	Y		Y	NA	0.5	95 A	N
C51-K001A 2NHS*	PULSE PREAMPLIFIER	112C2276	RB	240	Y	NA				95	Y
C51-K001B 2NHS*	PULSE PREAMPLIFIER	112C2276	RB	240	Y	NA				95	Y
C51-K001C 2NHS*	PULSE PREAMPLIFIER	112C2276	RB	240	Y	NA				95	Y
C51-K001D 2NHS*	PULSE PREAMPLIFIER	112C2276	RB	240	Y	NA				95	Y
C51-K002A 2NHS*	VOLTAGE PREAMPLIFIER	163C1263AA	RB	240	Y	NA				95	Y
C51-K002B 2NHS*	VOLTAGE PREAMPLIFIER	163C1263AA	RB	261	Y	NA				95	Y
C51-K002C 2NHS*	VOLTAGE PREAMPLIFIER	163C1263AA	RB	240	Y	NA				95	Y
C51-K002D 2NHS*	VOLTAGE PREAMPLIFIER	163C1263AA	RB	240	Y	NA				95	Y
C51-K002E 2NHS*	VOLTAGE PREAMPLIFIER	163C1263AA	RB	240	Y	NA				95	Y
C51-K002F 2NHS*	VOLTAGE PREAMPLIFIER	163C1263AA	RB	240	Y	NA				95	Y
C51-K002G 2NHS*	VOLTAGE PREAMPLIFIER	163C1263AA	RB	240	Y	NA				95	Y
C51-K002H 2NHS*	VOLTAGE PREAMPLIFIER	163C1263AA	RB	240	Y	NA				95	Y

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MASTER LIST OF SAFETY RELATED EQUIPMENTENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID SHEC ID	-----EQUIPMENT-----	PPD NO.	---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF		
	DESCRIPTION MANUFACTURER		BLDG	ELEV	HTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---STATUS---	QUAL INST

C51-N002A 2NHS*	INTERH RG DETECTOR GE	112C3144	PC	261		Y	Y	Y	NA		131 A	N
C51-N002B 2NHS*	INTERH RG DETECTOR GE	112C3144	PC	261		Y	Y	Y	NA		131 A	N
C51-N002C 2NHS*	INTERH RG DETECTOR GE	112C3144	PC	261		Y	Y	Y	NA		131 A	N
C51-N002D 2NHS*	INTERH RG DETECTOR GE	112C3144	PC	261		Y	Y	Y	NA		131 A	N
C51-N002E 2NHS*	INTERH RG DETECTOR GE	112C3144	PC	261		Y	Y	Y	NA		131 A	N
C51-N002F 2NHS*	INTERH RG DETECTOR GE	112C3144	PC	261		Y	Y	Y	NA		131 A	N
C51-N002G 2NHS*	INTERH RG DETECTOR GE	112C3144	PC	261		Y	Y	Y	NA		131 A	N
C51-N002H 2NHS*	INTERH RG DETECTOR GE	112C3144	PC	261		Y	Y	Y	NA		131 A	N
C72-N050A 2ISC*PT15A	PRESSURE TRANSHITTER ROSEMOUNT	163C1558	RB	261	RH	Y	NA	NA	Y	15	94 A	N
C72-N050B 2ISC*PT15B	PRESSURE TRANSHITTER ROSEMOUNT	163C1558	RB	261	RH	Y	NA	NA	Y	15	94 A	Y
C72-N050C 2ISC*PT15C	PRESSURE TRANSHITTER ROSEMOUNT	163C1558	RB	261	RH	Y	NA	NA	Y	15	94 A	N
C72-N050D 2ISC*PT15D	PRESSURE TRANSHITTER ROSEMOUNT	163C1558	RB	261	RH	Y	NA	NA	Y	15	94 A	N
C72-N052A 2HSS*PT16A	PRESSURE TRANSHITTER ROSEMOUNT	108C7360	TB	278	RH	Y	NA	NA	Y		6 A	Y



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NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID SHEC ID	DESCRIPTION MANUFACTURER	PPD NO.	---LOCATION---			---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF	
			BLOG	ELEV	HTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---STATUS---	QUAL
C72-N052B 2HSS*PT16B	PRESSURE TRANSHITTER ROSEMOUNT	188C7360	TB	278	RH	Y	NA	NA	Y		6 A	Y
C72-N052C 2HSS*PT16C	PRESSURE TRANSHITTER ROSEMOUNT	188C7360	TB	278	RH	Y	NA	NA	Y		12 A	Y
C72-N052D 2HSS*PT16D	PRESSURE TRANSHITTER ROSEMOUNT	188C7360	TB	278	RH	Y	NA	NA	Y		12 A	Y
C72-S003 2RPS*	CONTROL SWITCH	21A3120				Y						Y
C72A-K52 2RPS*	RELAY AGASTAT	189C9489	CB	306	CH	Y	NA	NA	Y	22	18 A	Y
C72A-K53 2RPS*	RELAY AGASTAT	189C9489	CB	306	CH	Y	NA	NA	Y	22	18 A	Y
C72A-K54 2RPS*	RELAY AGASTAT	189C9489	CB	306	CH	Y	NA	NA	Y	22	18 A	Y
C72A-K55A 2RPS*	RELAY AGASTAT	189C9489	CB	306	CH	Y	NA	NA	Y	22	18 A	Y
C72A-K55B 2RPS*	RELAY AGASTAT	189C9489	CB	306	CH	Y	NA	NA	Y	22	18 A	Y
C72A-K55C 2RPS*	RELAY AGASTAT	189C9489	CB	306	CH	Y	NA	NA	Y	22	18 A	Y
C72A-K55D 2RPS*	RELAY AGASTAT	189C9489	CB	306	CH	Y	NA	NA	Y	22	18 A	Y
C72A-K56A 2RPS*	RELAY AGASTAT	189C9489	CB	306	CH	Y	NA	NA	Y	22	18 A	Y
C72A-K56B 2RPS*	RELAY AGASTAT	189C9489	CB	306	CH	Y	NA	NA	Y	22	18 A	Y
C72A-K56C 2RPS*	RELAY AGASTAT	189C9489	CB	306	CH	Y	NA	NA	Y	22	18 A	Y



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MASTER LIST OF SAFETY RELATED EQUIPMENTENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID SWEC ID	DESCRIPTION MANUFACTURER	PPD NO.	---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-	---RRS REF	
			BLDG	ELEV HTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---STATUS---	
										QUAL	INST
C72A-K56D 2RPS*	RELAY AGASTAT	189C9489	CB	306 CH	Y	NA	NA	Y	22	18 A	Y
C72A-K57A 2RPS*	RELAY AGASTAT	189C9489	CB	306 CH	Y	NA	NA	Y	22	18 A	Y
C72A-K57B 2RPS*	RELAY AGASTAT	189C9489	CB	306 CH	Y	NA	NA	Y	22	18 A	Y
C72A-K57C 2RPS*	RELAY AGASTAT	169C9489	CB	306 CH	Y	NA	NA	Y	22	18 A	Y
C72A-K57D 2RPS*	RELAY AGASTAT	169C9489	CB	306 CH	Y	NA	NA	Y	22	18 A	Y
C72A-K58 2RPS*	RELAY AGASTAT	169C9489	CB	306 CH	Y	NA	NA	Y	22	18 A	Y
D13-N003A 2HSS*RE46A	INSULATED DETECTOR GE	237X731	HST	289	Y	NA				13	N
D13-N003B 2HSS*RE46B	INSULATED DETECTOR GE	237X731	HST	289	Y	NA				13	N
D13-N003C 2HSS*RE46C	INSULATED DETECTOR GE	237X731	HST	289	Y	NA				13	N
D13-N003D 2HSS*RE46D	INSULATED DETECTOR GE	237X731	HST	253	Y	NA				5	N
E12-B001A 2RHS*E1A	RESIDUAL HT HEAT EXCH ATLAS INDUSTRIAL HFG	21A9425AK	ABN	196 DH	Y	NA	Y	NA	17.0	NA A	N
E12-B001B 2RHS*E1B	RESIDUAL HT HEAT EXCH ATLAS INDUSTRIAL HFG	21A9425AK	ABS	196 DH	Y	NA	Y	NA	17.0	NA A	N
E12-C002A 2RHS*P1A	RHR PUMP BYRON JACKSON	21A1913AC	ABN	175 CF	Y	NA	Y	NA		NA C	Y



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NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID SNEC ID	DESCRIPTION MANUFACTURER	PPD NO.	---LOCATION---			---LOADS---		-QUAL HETH- ANLYS TEST	-NAT FREQ- LOHEST	---RRS REF ---STATUS--- QUAL INST	
			BLDG	ELEV	HTG	SEIS	HYDR			RRS	INST
E12-C002B 2RHS*P1B	RHR PUMP BYRON JACKSON	21A1913AC	ABS	175	CF	Y	NA	Y	NA	NA C	Y
E12-C002C 2RHS*P1C	RHS PUMP BYRON JACKSON	21A1913AC	ABS	175	CF	Y	NA	Y	NA	NA C	Y
E12-K001A 2RHS*I/P17A	E/P TRANSDUCER	158B7013	ABN	175	RH	Y	NA			NA	N
E12-K001B 2RHS*I/P17B	E/P TRANSDUCER	158B7013	ABS	175	RH	Y	NA			NA	N
E12-K003A 2RHS*I/P21A	E/P TRANSDUCER	158B7013	RB	196	RH	Y	NA			NA	N
E12-K003B 2RHS*I/P21B	E/P TRANSDUCER	158B7013	RB	196	RH	Y	NA			NA	N
E12-N001A 2RHS*CE11A	CONDUCTIVITY ELEMENT	163C1544	ABN	191	RH	Y	NA	Y	NA	100+	NA N
E12-N001B 2RHS*CE11B	CONDUCTIVITY ELEMENT	163C1544	ABS	193	RH	Y	NA	Y	NA	100+	NA N
E12-N004A 2RHS*TE10A	TEMPERATURE ELEMENT CALOY/PYCO	117C3485	ABN	196	LH	Y	NA	Y	NA	173	NA A N
E12-N004B 2RHS*TE10B	TEMPERATURE ELEMENT CALOY/PYCO	117C3485	ABS	196	LH	Y	NA	Y	NA	173	NA A N
E12-N005A 2SNP*TE12A	TEMPERATURE ELEMENT CALOY/PYCO	117C3485	ABN	175	LH	Y	NA	Y	NA	173	NA A N
E12-N005B 2SNP*TE12B	TEMPERATURE ELEMENT CALOY/PYCO	117C3485	ABS	175	LH	Y	NA	Y	NA	173	NA A N
E12-N006A 2SNP*FE13A	SHP TO HT EXCH FLOW ORIF PEERLESS	21A9505CZ	ABN	233	LH	Y	NA	Y	NA		NA A N
E12-N006B 2SNP*FE13B	SHP TO HT EXCH FLOW ORIF PEERLESS	21A9505CZ	RB	188	LH	Y	NA	Y	NA		NA A N



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N555 SUPPLIER: GENERAL ELECTRIC

EQUIP. ID SNEC ID	DESCRIPTION MANUFACTURER	PPD NO.	LOCATION		LOADS		QUAL METH		-NAT FREQ- LOWEST	RRS REF	
			BLDG	ELEV HTG	SEIS	HYDR	ANLYS	TEST		STATUS	QUAL INST
E12-N007A 2SNP*FT13A	FLOW TRANSHITTER ROSEMOUNT	163C1561	RB	175 RH	Y	NA	NA	Y	15	98 A	Y
E12-N007B 2SNP*FT13B	FLOW TRANSHITTER ROSEMOUNT	163C1561	RB	175 RH	Y	NA	NA	Y	15	98 A	Y
E12-N008A 2RHS*LT28A	LEVEL TRANSHITTER BARTON	145C3156	ABN	175 RH	Y	NA	Y	NA	1493	NA A	N
E12-N008B 2RHS*LT28B	LEVEL TRANSHITTER BARTON	145C3156	ABN	175 RH	Y	NA	Y	NA	1493	NA A	N
E12-N012 2RHS*FE105	RHR ORIFICE PEERLESS	21A9505CK	RB	292 LH	Y	NA	Y	NA		NA A	N
E12-N013 2RHS*FT105	FLOW TRANSHITTER ROSEMOUNT	163C1560	RB	261 RH	Y	NA	Y	NA	NA	94 A	N
E12-N014A 2RHS*FE14A	RHR ORIFICE PEERLESS	21A9505CL	ABN	187 LH	Y	NA	Y	NA		NA A	N
E12-N014B 2RHS*FE14B	RHR ORIFICE PEERLESS	21A9505CL	ABS	190 LH	Y	NA	Y	NA		NA A	N
E12-N014C 2RHS*FE14C	RHR ORIFICE PEERLESS	21A9505CL	ABS	192 LH	Y	NA	Y	NA		NA A	N
E12-N015A 2RHS*FT14A	FLOW TRANSHITTER ROSEMOUNT	163C1561	RB	175 RH	Y	NA	NA	Y	15	NA A	Y
E12-N015B 2RHS*FT14B	FLOW TRANSHITTER ROSEMOUNT	163C1561	RB	175 RH	Y	NA	NA	Y	15	98 A	Y
E12-N015C 2RHS*FT14C	FLOW TRANSHITTER ROSEMOUNT	163C1561	RB	175 RH	Y	NA	NA	Y	15	98 A	Y
E12-N026A 2RHS*PT21A	PRESSURE TRANSHITTER ROSEMOUNT	163C1563	RB	175 RH	Y	NA	NA	Y	15	98 A	Y



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NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID SNEC ID	DESCRIPTION MANUFACTURER	PPD NO.	---LOCATION---			---LOADS---		---QUAL METH---		---NAT FREQ---		---RRS REF---	
			BLDG	ELEV	HTG	SEIS	HYDR	ANLYS	TEST	LODEST		---STATUS---	
												QUAL INST	
E12-N026B 2RHS*PT21B	PRESSURE TRANSMITTER ROSENOUNT	163C1563	RB	175	RH	Y	NA	NA	Y	15	98 A	Y	
E12-N027A 2RHS*TE13A	TEMPERATURE ELEMENT CALOY/PYCO	117C3485	ABN	175	LH	Y	NA	Y	NA	173	NA A	N	
E12-N027B 2RHS*TE13B	TEMPERATURE ELEMENT CALOY/PYCO	117C3485	ABS	175	LH	Y	NA	Y	NA	173	NA A	N	
E12-N028 2RHS*PT114	PRESSURE TRANSMITTER ROSENOUNT	163C1563	RB	175	RH	YA	NA	NA	Y	15	98 A	Y	
E12-N031 2RHS-TE140	TEMPERATURE ELEMENT CALOY/PYCO	117C3485	SG	210	LH	Y	NA	Y	NA	173	2 A	N	
E12-N050A	PRESSURE TRANSMITTER ROSENOUNT	163C1564	RB	175	RH	Y	NA	NA	Y	15	98 A	Y	
E12-N050B	PRESSURE TRANSMITTER ROSENOUNT	163C1564	RB	175	RH	Y	NA	NA	Y	15	98 A	Y	
E12-N051A	PRESSURE TRANSMITTER ROSENOUNT	163C1564	RB	175	RH	Y	NA	NA	Y	15	98 A	Y	
E12-N051B	PRESSURE TRANSMITTER ROSENOUNT	163C1564	RB	175	RH	Y	N	NA	Y	15	98 A	Y	
E12-N052A 2RHS*FT86A	FLOW TRANSMITTER ROSENOUNT	163C1561	RB	175	RH	Y	NA	NA	Y	15	98 A	Y	
E12-N052B 2RHS*FT86B	FLOW TRANSMITTER ROSENOUNT	163C1561	RB	175	RH	Y	NA	NA	Y	15	98 A	Y	
E12-N052C 2RHS*FT86C	FLOW TRANSMITTER ROSENOUNT	163C1561	RB	175	RH	Y	NA	NA	Y	15	98 A	Y	
E12-N053A 2RHS*PT7A	PRESSURE TRANSMITTER ROSENOUNT	163C1563	RB	175	RH	Y	NA	NA	Y	15	98 A	Y	
E12-N053B 2RHS*PT7B	PRESSURE TRANSMITTER ROSENOUNT	163C1563	RB	175	RH	Y	NA	NA	Y	15	98 A	Y	



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MASTER LIST OF SAFETY RELATED EQUIPMENTENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID SPEC ID	DESCRIPTION MANUFACTURER	PPD NO.	LOCATION		LOADS		QUAL METH		NAT FREQ	RRS REF	
			BLOG	ELEV HTG	SEIS	HYDR	ANLYS	TEST	LOWEST	STATUS	QUAL INST
E12-N053C 2RHS*PT7C	PRESSURE TRANSHITTER ROSEHOUNT	163C1563	RB	175 RH	Y	NA	NA	Y	15	98 A	Y
E12-N055A 2RHS*PT5A	PRESSURE TRANSHITTER ROSEHOUNT	163C1564	RB	175 RH	Y	NA	NA	Y	15	98 A	N
E12-N055B 2RHS*PT5B	PRESSURE TRANSHITTER ROSEHOUNT	163C1564	RB	175 RH	Y	NA	NA	Y	15	98 A	Y
E12-N055C 2RHS*PT5C	PRESSURE TRANSHITTER ROSEHOUNT	163C1564	RB	175 RH	Y	NA	NA	Y	15	98 A	Y
E12-N056A 2RHS*PT6A	PRESSURE TRANSHITTER ROSEHOUNT	163C1564	RB	175 RH	Y	NA	NA	Y	15	98 A	N
E12-N056B 2RHS*PT6B	PRESSURE TRANSHITTER ROSEHOUNT	163C1564	RB	175 RH	Y	NA	NA	Y	15	98 A	Y
E12-N056C 2RHS*PT6C	PRESSURE TRANSHITTER ROSEHOUNT	163C1564	RB	175 RH	Y	NA	NA	Y	15	98 A	Y
E12-N057	PRESSURE TRANSHITTER ROSEHOUNT	163C1563	RB	175 RH	Y	NA	NA	Y	15	98 A	Y
E12-N058A 2RHS*PDT24A	DIFF PRESS TRANSHITTER ROSEHOUNT	163C1561	RB	261 RH	Y	NA	NA	Y	15	94 A	Y
E12-N058B 2RHS*PDT24B	DIFF PRESS TRANSHITTER ROSEHOUNT	163C1561	RB	261 RH	Y	NA	NA	Y	15	94 A	Y
E12-N058C 2RHS*PDT24C	DIFF PRESS TRANSHITTER ROSEHOUNT	163C1561	RB	261 RH	Y	NA	NA	Y	15	94 A	Y
E12-N060A 2RHS*PDT18A	DIFF PRESS TRANSHITTER ROSEHOUNT	163C1560	RB	175 RH	Y	NA	NA	Y	15	98 A	Y
E12-N060B 2RHS*PDT18B	DIFF PRESS TRANSHITTER ROSEHOUNT	163C1560	RB	175 RH	Y	NA	NA	Y	15	98 A	Y



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SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID SHEC ID	DESCRIPTION MANUFACTURER	PPD NO.	---LOCATION---		---LOADS---		-QUAL METH-	-NAT FREQ-	-----RRS REF	-----STATUS---	
			BLDG	ELEV MTG	SEIS	HYDR					ANLYS

E12-N062B	PRESSURE TRANSHITTER		RB	175 RH	Y	NA			98	N	
E12-N063A 2RHS*PT3A	PRESSURE TRANSHITTER		RB	175 RH	Y	NA			98	Y	
E12-N063B 2RHS*PT3B	PRESSURE TRANSHITTER		RB	175 RH	Y	NA			98	Y	
E12-N063C 2RHS*PT3C	PRESSURE TRANSHITTER		RB	175 RH	Y	NA			98	Y	
E12-R002A 2RHS*PI50A	PRESSURE INDICATOR ROBERTSHAW	163C1184	RB	175 RH	Y	NA	NA	Y	15	98 A	N
E12-R002B 2RHS*PI50B	PRESSURE INDICATOR ROBERTSHAW	163C1184	RB	175 RH	Y	NA	NA	Y	15	98 A	N
E12-R002C 2RHS*PI50C	PRESSURE INDICATOR ROBERTSHAW	163C1184	RB	175 RH	Y	NA	NA	Y	15	98 A	N
E12-R008A 2RHS*PI07A	PRESSURE INDICATOR ROBERTSHAW	163C1184	RB	175 RH	Y	NA	NA	Y	15	98 A	Y
E12-R008B 2RHS*PI07B	PRESSURE INDICATOR ROBERTSHAW	163C1184	RB	175 RH	Y	NA	NA	Y	15	98 A	Y
E12-R008C 2RHS*PI07C	PRESSURE INDICATOR ROBERTSHAW	163C1184	RB	175 RH	Y	NA	NA	Y	15	98 A	Y
E21-C001 2CSL*P1	LOW PRESS CORE SPRAY PUMP BYRON JACKSON	21A1913AC	ABN	175 CF	Y	NA	Y	NA	37.5+	NA B	Y
E21-N003 2CSL*FT126	FLOW TRANSHITTER ROSEMOUNT	163C1561	RB	175 RH	Y	NA	NA	Y	14	98 A	Y
E21-N050 2CSL*PDT132	DIFF PRESS TRANSHITTER ROSEMOUNT	163C1561	RB	175 RH	Y	NA	NA	Y	14	98 A	N
E21-N051 2CSL*FT107	FLOW TRANSHITTER ROSEMOUNT	163C1561	RB	175 RH	Y	NA	NA	Y	14	98 A	Y



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MASTER LIST OF SAFETY RELATED EQUIPMENTENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID SHEC ID	DESCRIPTION MANUFACTURER	PPD NO.	LOCATION			LOADS		QUAL METH- ANLYS TEST	NAT FREQ- LOWEST	RRS REF		
			BLDG	ELEV	HTG	SEIS	HYDR			STATUS- QUAL	INST	
E21-N052 2CSL*PT109	PRESSURE TRANSHITTER ROSEMOUNT	163C1564	RB	175	RH	Y	NA	NA	Y	14	98 A	Y
E21-N053 2CSL*PT110	PRESSURE TRANSHITTER ROSEMOUNT	163C1564	RB	175	RH	Y	NA	NA	Y	14	98 A	Y
E21-N054 2CSL*PT108	PRESSURE TRANSHITTER ROSEMOUNT	163C1563	RB	175	RH	Y	NA	NA	Y	14	98 A	Y
E21-N056 2CSL*PT129	PRESSURE TRANSHITTER		RB	175	RH	Y	NA				98	N
E21-N057 2CSL*PT130	PRESSURE TRANSHITTER		RB	175	RH	Y	NA				98	N
E21-R001 2CSL*PI111	PRESSURE INDICATOR ROBERTSHAW	163C1184	RB	175	RH	Y	NA	NA	Y	14	98 A	Y
E21-R002 2CSL*PI103	PRESSURE INDICATOR ROBERTSHAW	163C1184	RB	175	RH	Y	NA	NA	Y	14	98 A	Y
E22-C001 2CSH*PI	HI PRESS CORE SPRAY PUMP BYRON JACKSON	21A1913AB	RB	175	CF	Y	Y	Y	NA	44.9	98 B	Y
E22-F001 2CSH*MOV101	HPCS VALVE DARLING	105D5007AD	RB	177	LH	Y	NA	NA	Y	48.0	NA C	Y
E22-F004 2CSH*MOV107	HPCS VALVE DARLING	105D5007BD	RB	292	LH	Y	Y	NA	Y	33.0+	NA C	Y
E22-F010 2CSH*MOV110	HPCS VALVE DARLING	105D5007CD	RB	198	LH	Y	NA	NA	Y	33.0+	NA C	Y
E22-F011 2CSH*MOV112	HPCS VALVE DARLING	105D5007DD	RB	218	LH	Y	NA	NA	Y	33.0+	NA C	Y
E22-F012 2CSH*MOV105	HPCS VALVE DARLING	105D5007ED	RB	215	LH	Y	NA	NA	Y	100+	NA C	Y



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EQUIP. ID SPEC ID	DESCRIPTION MANUFACTURER	PPD NO.	---LOCATION---		---LOADS---		---QUAL METH---		---NAT FREQ---		---RRS REF---	
			BLOG	ELEV HTG	SEIS	HYDR	ANLYS	TEST	LOWEST	STATUS---	QUAL INST	
E22-F015 2CSH*MOV118	HPCS VALVE DARLING	105D5007FD	RB	195 LH	Y	Y	NA	Y	33.0+	NA C	Y	
E22-F023 2CSH*MOV111	HPCS VALVE DARLING	105D5007JD	RB	218 LH	Y	NA	NA	Y	69.0	NA C	Y	
E22-N005 2CSH*FT104	FLOW TRANSHITTER ROSEHOUNT	163C1561	RB	175 RH	Y	NA	NA	Y	14	98 A	Y	
E22-N050 2CSH*PT117	PRESSURE TRANSHITTER ROSEHOUNT	163C1563	RB	175 RH	Y	NA	NA	Y	14	98 A	Y	
E22-N051 2CSH*PT105	PRESSURE TRANSHITTER ROSEHOUNT	163C1564	RB	175 RH	Y	NA	NA	Y	14	98 A	Y	
E22-N052 2CSH*PT102	PRESSURE TRANSHITTER ROSEHOUNT	163C1563	RB	175 RH	Y	NA	NA	Y	14	98 A	Y	
E22-N054C 2CSH*LT3A	LEVEL TRANSHITTER ROSEHOUNT	188C7360	PT	248 RH	Y	NA	NA	Y	14	NA A	Y	
E22-N054G 2CSH*LT3B	LEVEL TRANSHITTER ROSEHOUNT	188C7360	PT	248 RH	Y	NA	NA	Y	14	NA A	Y	
E22-N055C 2CSH*LT124	LEVEL TRANSHITTER	184C4775	RB	175 RH	Y	NA	NA	Y		98 B	N	
E22-N055G 2CSH*LT123	LEVEL TRANSHITTER	184C4775	RB	175 RH	Y	NA	NA	Y		98 B	N	
E22-N056 2CSH*FT105	FLOW TRANSHITTER ROSEHOUNT	163C1561	RB	175 RH	Y	NA	NA	Y	14	98 A	Y	
E22-N057 2CSH*PDT109	DIFF PRESS TRANSHITTER ROSEHOUNT	163C1560	RB	175 RH	Y	NA	NA	Y	14	98 A	Y	
E22-R001 2CSH*PI103	PRESSURE INDICATOR ROBERTSHAW	163C1184	RB	175 RH	Y	NA	NA	Y	14	98 A	Y	
E22-R002 2CSH*PI115	PRESSURE INDICATOR ROBERTSHAW	163C1184	RB	175 RH	Y	NA	NA	Y	14	98 A	Y	



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NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID SPEC ID	DESCRIPTION MANUFACTURER	PPD NO.	---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-	---RRS REF	
			BLDG	ELEV MTG	SEIS	HYDR	ANLYS	TEST	LOHEST	---STATUS---	QUAL INST
E22-S001 2EGS*EG2	HPCS DSL GENERATOR	304A2720	DG	261 CF	Y	NA				16	Y
E22-S002 2EHS*MCC201	HPCS MCC GE	21A9301AZ	DG	261 CF	Y	NA	Y	Y	4.5	16 A	Y
E22-S003 2EJS*X2	HPCS TRANSFORMER ELMA ENGRG	21A2057	DG	261 CF	Y	NA	NA	Y		16 A	Y
E22-S004 2ENS*SHG102	HPCS SWITCHGEAR GE	21A9300AS	DG	261 CF	Y	NA	NA	Y	4.5	16 A	Y
E22A-K104	RELAY AGASTAT	169C9489	CB	306 CH	Y	NA	NA	Y	20.5	18 A	Y
E22A-K94	RELAY AGASTAT	169C9489	CB	306 CH	Y	NA	NA	Y	20.5	18 A	Y
E22B-K01	RELAY GE	209A4312	DG	261 RH	Y	NA	NA	Y	14	16 B	Y
E22B-K02	RELAY GE	159C4251	DG	261 CH	Y	NA	NA	Y	14	16 A	Y
E22B-K03	RELAY GE	159C4251	DG	261 CH	Y	NA	NA	Y	14	16 A	Y
E22B-K04	RELAY GE	159C4251	DG	261 CH	Y	NA	NA	Y	14	16 A	Y
E22B-K05	RELAY GE	159C4251	DG	261 CH	Y	NA	NA	Y	14	16 A	Y
E22B-K06	RELAY GE	159C4251	DG	261 CH	Y	NA	NA	Y	14	16 A	Y
E22B-K09	RELAY GE	136B3137	DG	261 CH	Y	NA	NA	Y	14	16 A	Y



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NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID SHEC ID	DESCRIPTION MANUFACTURER	PPD NO.	---LOCATION---			---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF	
			BLDG	ELEV	MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---	STATUS---
											QUAL	INST
E22B-K11	RELAY GE	136B3137	DG	261	CH	Y	NA	NA	Y	17.8	16 A	Y
E22B-K12	RELAY GE	159C4251	DG	261	CH	Y	NA	NA	Y	17.8	16 A	Y
E22B-K13	RELAY GE	159C4251	DG	261	CH	Y	NA	NA	Y	17.8	16 A	Y
E22B-K16	RELAY GE	228B1470	DG	261	CH	Y	NA	NA	Y	17.8	16 A	Y
E22B-K30A	RELAY GE	147D7151	DG	261	CH	Y	NA	NA	Y	17.8	16 A	N
E22B-K30C	RELAY GE	147D7151	DG	261	CH	Y	NA	NA	Y	17.8	16 A	N
E22B-K31	RELAY GE	163C1187	DG	261	CH	Y	NA	NA	Y	17.8	16 A	Y
E22B-K32	RELAY GE	169C8933	DG	261	CH	Y	NA	NA	Y	17.8	16 B	Y
E22B-K33A	RELAY GE	163C1178	DG	261	CH	Y	NA	NA	Y	17.8	16 A	Y
E22B-K33B	RELAY GE	163C1178	DG	261	CH	Y	NA	NA	Y	17.8	16 A	Y
E22B-K35A	RELAY GE	163C1175	DG	261	CH	Y	NA	NA	Y	17.8	16 A	Y
E22B-K35C	RELAY GE	163C1175	DG	261	CH	Y	NA	NA	Y	17.8	16 A	Y
E22B-K36	RELAY GE	163C1194	DG	261	CH	Y	NA	NA	Y	17.8	16 A	Y
E22B-K38	RELAY GE	163C1194	DG	261	CH	Y	NA	NA	Y	17.8	16 A	N



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EQUIP. ID SHEC ID	DESCRIPTION MANUFACTURER	PPD NO.	---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF	
			BLDG	ELEV HTG	SEIS	HYDR	ANLYS	TEST	LOWEST	-----STATUS----	QUAL
E22B-K39	RELAY GE	137C6405	DG	261 CM	Y	NA	NA	Y	17.8	16 B	Y
E31-N001A 2HCS*TE35A	TEMPERATURE ELEMENT PYCO	145C3224	RB	215	Y		NA	Y		NA A	N
E31-N001B 2HCS*TE35B	TEMPERATURE ELEMENT PYCO	145C3224	RB	215	Y		NA	Y		NA A	N
E31-N001C 2HCS*TE35C	TEMPERATURE ELEMENT PYCO	145C3224	RB	215	Y		NA	Y		NA A	N
E31-N001D 2HCS*TE35D	TEMPERATURE ELEMENT PYCO	145C3224	RB	215	Y		NA	Y		NA A	N
E31-N001E 2HCS*TE35E	TEMPERATURE ELEMENT PYCO	145C3224	RB	306	Y		NA	Y		NA A	N
E31-N001F 2HCS*TE35F	TEMPERATURE ELEMENT PYCO	145C3224	RB	306	Y		NA	Y		NA A	N
E31-N002A 2HCS*TE34A	TEMPERATURE ELEMENT PYCO	145C3224	RB	215	Y		NA	Y		NA A	N
E31-N002B 2HCS*TE34B	TEMPERATURE ELEMENT PYCO	145C3224	RB	215	Y		NA	Y		NA A	N
E31-N002C 2HCS*TE34C	TEMPERATURE ELEMENT PYCO	145C3224	RB	215	Y		NA	Y		NA A	N
E31-N002D 2HCS*TE34D	TEMPERATURE ELEMENT PYCO	145C3224	RB	215	Y		NA	Y		NA A	N
E31-N002E 2HCS*TE34E	TEMPERATURE ELEMENT PYCO	145C3224	RB	306	Y		NA	Y		NA A	N
E31-N002F 2HCS*TE34F	TEMPERATURE ELEMENT PYCO	145C3224	RB	306	Y		NA	Y		NA A	N



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MASTER LIST OF SAFETY RELATED EQUIPMENTENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID SHEC ID	DESCRIPTION MANUFACTURER	PPD NO.	LOCATION		LOADS		QUAL METH	ANLYS TEST	NAT FREQ LOWEST	RRS REF	
			BLDG	ELEV HTG	SEIS	HYDR				STATUS QUAL INST	
E31-N003A 2HCS*TE33A	TEMPERATURE ELEHENT PYCO	145C3224	RB	215	Y		NA	Y		NA A	N
E31-N003B 2HCS*TE33B	TEMPERATURE ELEHENT PYCO	145C3224	RB	215	Y		NA	Y		NA A	N
E31-N003C 2HCS*TE33C	TEMPERATURE ELEHENT PYCO	145C3224	RB	215	Y		NA	Y		NA A	N
E31-N003D 2HCS*TE33D	TEMPERATURE ELEHENT PYCO	145C3224	RB	215	Y		NA	Y		NA A	N
E31-N003E 2HCS*TE33E	TEMPERATURE ELEHENT PYCO	145C3224	RB	306	Y		NA	Y		NA A	N
E31-N003F 2HCS*TE33F	TEMPERATURE ELEHENT PYCO	145C3224	RB	306	Y		NA	Y		NA A	N
E31-N004A 2ICS*TE16A	TEMPERATURE ELEHENT PYCO	145C3224	RB	175	Y		NA	Y		NA A	N
E31-N004B 2ICS*TE16B	TEMPERATURE ELEHENT PYCO	145C3224	RB	175	Y		NA	Y		NA A	N
E31-N005A 2ICS*TE15A	TEMPERATURE ELEHENT PYCO	145C3224	RB	175	Y		NA	Y		NA A	N
E31-N005B 2ICS*TE15B	TEMPERATURE ELEHENT PYCO	145C3224	RB	175	Y		NA	Y		NA A	N
E31-N006A 2ICS*TE14A	TEMPERATURE ELEHENT PYCO	145C3224	RB	175	Y		NA	Y		NA A	N
E31-N006B 2ICS*TE14B	TEMPERATURE ELEHENT PYCO	145C3224	RB	175	Y		NA	Y		NA A	N
E31-N015A 2HCS*FT69X	FLOW TRANSHITTER ROSEHOUNT	163C1561	RB	289 RH	Y	NA	NA	Y	15	NA A	Y
E31-N015B 2HCS*FT69Y	FLOW TRANSHITTER ROSEHOUNT	163C1561	RB	289 RH	Y	NA	NA	Y	15	NA A	N



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MASTER LIST OF SAFETY RELATED EQUIPMENTENGINEER: STONE & WEBSTER
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EQUIP. ID SHEC ID	DESCRIPTION MANUFACTURER	PPD NO.	---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-	---RRS REF	
			BLDG	ELEV HTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---STATUS---	QUAL INST
E31-N017A 2ISC*TE27A	TEMPERATURE ELEMENT PYCO	145C3224	PC	289	Y	Y	NA	Y		NA A	N
E31-N017B 2ISC*TE27B	TEMPERATURE ELEMENT PYCO	145C3224	PC	289	Y	Y	NA	Y		NA A	N
E31-N017C 2ISC*TE27C	TEMPERATURE ELEMENT PYCO	145C3224	PC	261	Y	Y	NA	Y		NA A	N
E31-N017D 2ISC*TE27D	TEMPERATURE ELEMENT PYCO	145C3224	PC	261	Y	Y	NA	Y		NA A	N
E31-N018A 2RHS*TE49A	TEMPERATURE ELEMENT PYCO	145C3224	ABN	175	Y	NA	NA	Y		NA A	N
E31-N018B 2RHS*TE49B	TEMPERATURE ELEMENT PYCO	145C3224	ABN	175	Y	NA	NA	Y		NA A	N
E31-N018C 2RHS*TE49C	TEMPERATURE ELEMENT PYCO	145C3224	ABS	175	Y	NA	NA	Y		NA A	N
E31-N018D 2RHS*TE49D	TEMPERATURE ELEMENT PYCO	145C3224	ABS	175	Y	NA	NA	Y		NA A	N
E31-N024A 2ICS*TE10A	TEMPERATURE ELEMENT PYCO	145C3224	RB	196	Y		NA	Y		NA A	N
E31-N024B 2ICS*TE10B	TEMPERATURE ELEMENT PYCO	145C3224	RB	196	Y		NA	Y		NA A	N
E31-N025A 2ICS*TE11A	TEMPERATURE ELEMENT PYCO	145C3224	RB	196	Y		NA	Y		NA A	N
E31-N025B 2ICS*TE11B	TEMPERATURE ELEMENT PYCO	145C3224	RB	196	Y		NA	Y		NA A	N
E31-N026A 2ICS*TE12A	TEMPERATURE ELEMENT PYCO	145C3224	RB	196	Y		NA	Y		NA A	N



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EQUIP. ID SHEC ID	DESCRIPTION MANUFACTURER	PPD NO.	---LOCATION---		---LOADS---		-QUAL METH- ANLYS TEST	-NAT FREQ- LOWEST	---RRS REF ---STATUS--- QUAL INST	
			BLDG	ELEV HTG	SEIS	HYDR				
E31-N026B 2ICS*TE12B	TEMPERATURE ELEMENT PYCO	145C3224	RB	196	Y		NA	Y	NA	N
E31-N027A 2RHS*TE47A	TEMPERATURE ELEMENT PYCO	145C3224	ABN	175	Y	NA	NA	Y	NA	N
E31-N027B 2RHS*TE47B	TEMPERATURE ELEMENT PYCO	145C3224	ABN	175	Y	NA	NA	Y	NA	N
E31-N027C 2RHS*TE47C	TEMPERATURE ELEMENT PYCO	145C3224	ABS	175	Y	NA	NA	Y	NA	N
E31-N027D 2RHS*TE47D	TEMPERATURE ELEMENT PYCO	145C3224	ABS	175	Y	NA	NA	Y	NA	N
E31-N028A 2RHS*TE48A	TEMPERATURE ELEMENT PYCO	145C3224	ABN	175	Y	NA	NA	Y	NA	N
E31-N028B 2RHS*TE48B	TEMPERATURE ELEMENT PYCO	145C3224	ABN	175	Y	NA	NA	Y	NA	N
E31-N028C 2RHS*TE48C	TEMPERATURE ELEMENT PYCO	145C3224	ABS	175	Y	NA	NA	Y	NA	N
E31-N028D 2RHS*TE48D	TEMPERATURE ELEMENT PYCO	145C3224	ABS	175	Y	NA	NA	Y	NA	N
E31-N029A 2HSS*TE48A	TEMPERATURE ELEMENT PYCO	145C3224	RB	240	Y		NA	Y	NA	N
E31-N029B 2HSS*TE48B	TEMPERATURE ELEMENT PYCO	145C3224	RB	240	Y		NA	Y	NA	N
E31-N029C 2HSS*TE48C	TEMPERATURE ELEMENT PYCO	145C3224	RB	240	Y		NA	Y	NA	N
E31-N029D 2HSS*TE48D	TEMPERATURE ELEMENT PYCO	145C3224	RB	240	Y		NA	Y	NA	N
E31-N030A 2HSS*TE49A	TEMPERATURE ELEMENT PYCO	145C3224	RB	240	Y		NA	Y	NA	N



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MASTER LIST OF SAFETY RELATED EQUIPMENTENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID SHEC ID	DESCRIPTION MANUFACTURER	PPD NO.	LOCATION		LOADS		QUAL METH		NAT FREQ LOHEST	RRS REF	
			BLDG	ELEV MTG	SEIS	HYDR	ANLYS	TEST		STATUS	QUAL
E31-N030B 2HSS*TE49B	TEMPERATURE ELEMENT PYCO	145C3224	RB	240	Y		NA	Y		NA A	N
E31-N030C 2HSS*TE49C	TEMPERATURE ELEMENT PYCO	145C3224	RB	240	Y		NA	Y		NA A	N
E31-N030D 2HSS*TE49D	TEMPERATURE ELEMENT PYCO	145C3224	RB	240	Y		NA	Y		NA A	N
E31-N031A 2HSS*TE50A	TEMPERATURE ELEMENT PYCO	145C3224	RB	240	Y		NA	Y		NA A	N
E31-N031B 2HSS*TE50B	TEMPERATURE ELEMENT PYCO	145C3224	RB	240	Y		NA	Y		NA A	N
E31-N031C 2HSS*TE50C	TEMPERATURE ELEMENT PYCO	145C3224	RB	240	Y		NA	Y		NA A	N
E31-N031D 2HSS*TE50D	TEMPERATURE ELEMENT PYCO	145C3224	RB	240	Y		NA	Y		NA A	N
E31-N035A 2HCS*FT68X	FLOW TRANSHITTER ROSEHOUNT	163C1561	RB	289 RH	Y	NA	NA	Y	15	93 A	Y
E31-N035B 2HCS*FT68Y	FLOW TRANSHITTER ROSEHOUNT	163C1561	RB	289 RH	Y	NA	NA	Y	15	93 A	N
E31-N036A 2HCS*FT67X	FLOW TRANSHITTER ROSEHOUNT	163C1561	RB	215 RH	Y	NA	NA	Y	14	96 A	Y
E31-N036B 2HCS*FT67Y	FLOW TRANSHITTER ROSEHOUNT	163C1561	RB	215 RH	Y	NA	NA	Y	15	96 A	Y
E31-N040A 2HSS*TE69A	TEMPERATURE ELEMENT PYCO	145C3224	HST	247	Y	NA	NA	Y		NA A	N
E31-N040B 2HSS*TE69B	TEMPERATURE ELEMENT PYCO	145C3224	HST	247	Y	NA	NA	Y		NA A	N



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NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID SHEC ID	DESCRIPTION MANUFACTURER	PPD NO.	LOCATION		LOADS		QUAL	METH-	-MAT FREQ-	RRS REF	
			BLOG	ELEV HTG	SEIS	HYDR				ANLYS	TEST
E31-N040C 2HSS*TE69C	TEMPERATURE ELEMENT PYCO	145C3224	HST	247	Y	NA	NA	Y		NA A	N
E31-N040D 2HSS*TE69D	TEMPERATURE ELEMENT PYCO	145C3224	HST	247	Y	NA	NA	Y		NA A	N
E31-N041A 2HSS*TE70A	TEMPERATURE ELEMENT PYCO	145C3224	HST	247	Y	NA	NA	Y		NA A	N
E31-N041B 2HSS*TE70B	TEMPERATURE ELEMENT PYCO	145C3224	HST	247	Y	NA	NA	Y		NA A	N
E31-N041C 2HSS*TE70C	TEMPERATURE ELEMENT PYCO	145C3224	HST	247	Y	NA	NA	Y		NA A	N
E31-N041D 2HSS*TE70D	TEMPERATURE ELEMENT PYCO	145C3224	HST	247	Y	NA	NA	Y		NA A	N
E31-N042A 2HSS*TE71A	TEMPERATURE ELEMENT PYCO	145C3224	HST	247	Y	NA	NA	Y		NA A	N
E31-N042B 2HSS*TE71B	TEMPERATURE ELEMENT PYCO	145C3224	HST	268	Y	NA	NA	Y		NA A	N
E31-N042C 2HSS*TE71C	TEMPERATURE ELEMENT PYCO	145C3224	HST	268	Y	NA	NA	Y		NA A	N
E31-N042D 2HSS*TE71D	TEMPERATURE ELEMENT PYCO	145C3224	HST	268	Y	NA	NA	Y		NA A	N
E31-N043A 2HSS*TE72A	TEMPERATURE ELEMENT PYCO	145C3224	HST	268	Y	NA	NA	Y		NA A	N
E31-N043B 2HSS*TE72B	TEMPERATURE ELEMENT PYCO	145C3224	HST	278	Y	NA	NA	Y		NA A	N
E31-N043C 2HSS*TE72C	TEMPERATURE ELEMENT PYCO	145C3224	HST	278	Y	NA	NA	Y		NA A	N
E31-N043D 2HSS*TE72D	TEMPERATURE ELEMENT PYCO	145C3224	HST	278	Y	NA	NA	Y		NA A	N



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MASTER LIST OF SAFETY RELATED EQUIPMENTENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID SHEC ID	DESCRIPTION MANUFACTURER	PPD NO.	---LOCATION---		---LOADS---		-QUAL METH- ANLYS TEST	-NAT FREQ- LOWEST	---RRS REF		
			BLDG	ELEV HTG	SEIS	HYDR			---STATUS---	QUAL INST	
E31-N044A 2HSS*TE73A	TEMPERATURE ELEMENT PYCO	145C3224	HST	288	Y	NA	NA	Y		NA A	N
E31-N044B 2HSS*TE73B	TEMPERATURE ELEMENT PYCO	145C3224	HST	288	Y	NA	NA	Y		NA A	N
E31-N044C 2HSS*TE73C	TEMPERATURE ELEMENT PYCO	145C3224	HST	268	Y	NA	NA	Y		NA A	N
E31-N044D 2HSS*TE73D	TEMPERATURE ELEMENT PYCO	145C3224	HST	268	Y	NA	NA	Y		NA A	N
E31-N045A 2HSS*TE74A	TEMPERATURE ELEMENT PYCO	145C3224	HST	298	Y	NA	NA	Y		NA A	N
E31-N045B 2HSS*TE74B	TEMPERATURE ELEMENT PYCO	145C3224	HST	298	Y	NA	NA	Y		NA A	N
E31-N045C 2HSS*TE74C	TEMPERATURE ELEMENT PYCO	145C3224	HST	298	Y	NA	NA	Y		NA A	N
E31-N045D 2HSS*TE74D	TEMPERATURE ELEMENT PYCO	145C3224	HST	268	Y	NA	NA	Y		NA A	N
E31-N046A 2HSS*TE75A	TEMPERATURE ELEMENT PYCO	145C3224	HST	268	Y	NA	NA	Y		NA A	N
E31-N046B 2HSS*TE75B	TEMPERATURE ELEMENT PYCO	145C3224	HST	298	Y	NA	NA	Y		NA A	N
E31-N046C 2HSS*TE75C	TEMPERATURE ELEMENT PYCO	145C3224	HST	298	Y	NA	NA	Y		NA A	N
E31-N046D 2HSS*TE75D	TEMPERATURE ELEMENT PYCO	145C3224	HST	298	Y	NA	NA	Y		NA A	N
E31-N047A 2HSS*TE76A	TEMPERATURE ELEMENT PYCO	145C3224	HST	298	Y	NA	NA	Y		NA A	N



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NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID SHEC ID	DESCRIPTION MANUFACTURER	PPD NO.	---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ- LOWEST	---RRS REF	
			BLDG	ELEV HTG	SEIS	HYDR	ANLYS	TEST		---STATUS---	QUAL INST
E31-N047B 2HSS*TE76B	TEMPERATURE ELEMENT PYCO	145C3224	HST	298	Y	NA	NA	Y		NA A	N
E31-N047C 2HSS*TE76C	TEMPERATURE ELEMENT PYCO	145C3224	HST	298	Y	NA	NA	Y		NA A	N
E31-N047D 2HSS*TE76D	TEMPERATURE ELEMENT PYCO	145C3224	HST	298	Y	NA	NA	Y		NA A	N
E31-N048A 2HSS*TE77A	TEMPERATURE ELEMENT PYCO	145C3224	HST	298	Y	NA	NA	Y		NA A	N
E31-N048B 2HSS*TE77B	TEMPERATURE ELEMENT PYCO	145C3224	HST	300	Y	NA	NA	Y		NA A	N
E31-N048C 2HSS*TE77C	TEMPERATURE ELEMENT PYCO	145C3224	HST	298	Y	NA	NA	Y		NA A	N
E31-N048D 2HSS*TE77D	TEMPERATURE ELEMENT PYCO	145C3224	HST	298	Y	NA	NA	Y		NA A	N
E31-N083A 2ICS*PDT5A	DIFF PRESS TRANSHITTER ROSEMOUNT	163C1561	RB	175 RH	Y	NA	NA	Y	15	98 A	Y
E31-N083B 2ICS*PDT5B	DIFF PRESS TRANSHITTER ROSEMOUNT	163C1561	RB	175 RH	Y	NA	NA	Y	14	98 A	Y
E31-N084A 2ICS*PDT167	DIFF PRESS TRANSHITTER ROSEMOUNT	163C1561	RB	175 RH	Y	NA	NA	Y	15	98 A	Y
E31-N084B 2ICS*PDT168	DIFF PRESS TRANSHITTER ROSEMOUNT	163C1561	RB	175 RH	Y	NA	NA	Y	14	98 A	Y
E31-N085A 2ISC*PT167Y	PRESSURE TRANSHITTER ROSEMOUNT	163C1558	RB	175 RH	Y	NA	NA	Y	15	98 A	Y
E31-N085B 2ISC*PT168Y	PRESSURE TRANSHITTER ROSEMOUNT	163C1558	RB	175 RH	Y	NA	NA	Y	14	98 A	Y
E31-N085E 2ISC*PT167X	PRESSURE TRANSHITTER ROSEMOUNT	163C1558	RB	175 RH	Y	NA	NA	Y	15	98 A	Y



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MASTER LIST OF SAFETY RELATED EQUIPMENTENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID SHEC ID	-----EQUIPMENT-----	PPD NO.	---LOCATION---			---LOADS---		-QUAL METH-		-NAT FREQ-	---RRS REF	
	DESCRIPTION MANUFACTURER		BLDG	ELEV	MTG	SEIS	HYDR	ANLYS	TEST	LOHEST	---STATUS---	QUAL INST
E31-N085F 2ISC*PT168X	PRESSURE TRANSHITTER ROSEMOUNT	163C1558	RB	175	RH	Y	NA	NA	Y	14	98 A	Y
E31-N086A 2HSS*FT12A	FLOW TRANSHITTER ROSEMOUNT	163C1561	RB	215	RH	Y	NA	NA	Y	14	96 A	Y
E31-N086B 2HSS*FT15A	FLOW TRANSHITTER ROSEMOUNT	163C1561	RB	215	RH	Y	NA	NA	Y	14	96 A	Y
E31-N086C 2HSS*FT14A	FLOW TRANSHITTER ROSEMOUNT	163C1561	RB	215	RH	Y	NA	NA	Y	14	96 A	Y
E31-N086D 2HSS*FT13A	FLOW TRANSHITTER ROSEMOUNT	163C1561	RB	215	RH	Y	NA	NA	Y	14	96 A	Y
E31-N087A 2HSS*FT12B	FLOW TRANSHITTER ROSEMOUNT	163C1561	RB	215	RH	Y	NA	NA	Y	14	96 A	Y
E31-N087B 2HSS*FT15B	FLOW TRANSHITTER ROSEMOUNT	163C1561	RB	215	RH	Y	NA	NA	Y	14	96 A	Y
E31-N087C 2HSS*FT14B	FLOW TRANSHITTER ROSEMOUNT	163C1561	RB	215	RH	Y	NA	NA	Y	14	96 A	Y
E31-N087D 2HSS*FT13B	FLOW TRANSHITTER ROSEMOUNT	163C1561	RB	215	RH	Y	NA	NA	Y	14	96 A	Y
E31-N088A 2HSS*FT12C	FLOW TRANSHITTER ROSEMOUNT	163C1561	RB	215	RH	Y	NA	NA	Y	14	96 A	Y
E31-N088B 2HSS*FT15C	FLOW TRANSHITTER ROSEMOUNT	163C1561	RB	215	RH	Y	NA	NA	Y	15	96 A	Y
E31-N088C 2HSS*FT14C	FLOW TRANSHITTER ROSEMOUNT	163C1561	RB	215	RH	Y	NA	NA	Y	15	96 A	Y
E31-N088D 2HSS*FT13C	FLOW TRANSHITTER ROSEMOUNT	163C1561	RB	215	RH	Y	NA	NA	Y	14	96 A	Y



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SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID SHEC ID	DESCRIPTION MANUFACTURER	PPD NO.	---LOCATION---		---LOADS---		QUAL	METH-	-NAT FREQ-	---RRS REF	---STATUS---
			BLOG	ELEV HTG	SEIS	HYDR					
E31-N089A 2HSS*FT12D	FLOW TRANSHITTER ROSEMOUNT	163C1561	RB	215 RH	Y	NA	NA	Y	14	96 A	Y
E31-N089B 2HSS*FT15D	FLOW TRANSHITTER ROSEMOUNT	163C1561	RB	215 RH	Y	NA	NA	Y	15	96 A	Y
E31-N089C 2HSS*FT14D	FLOW TRANSHITTER ROSEMOUNT	163C1561	RB	215 RH	Y	NA	NA	Y	15	96 A	Y
E31-N089D 2HSS*FT13D	FLOW TRANSHITTER ROSEMOUNT	163C1561	RB	215 RH	Y	NA	NA	Y	14	96 A	Y
E31-N092 2DER-PT134	PRESSURE TRANSHITTER ROSEMOUNT	163C1563	RB	261 RH	Y	NA	NA	Y	15	94 A	Y
E51-C001 2ICS*P1	RCIC PUMP BINGHAM HILLAHETTE	21A9443AD	RB	175 CF	Y	NA	Y	NA	38	98 A	N
E51-C002 2ICS*Y1	RCIC TURBINE TERRY	21A9526AL	RB	175 CF	Y	NA	Y	Y	16.0	98 B	N
E51-N001 2ICS*FE101	RCIC FLOW ORIFICE PEERLESS	21A9505CR	RB	186 LH	Y	NA	Y	NA		NA A	N
E51-N003 2ICS*FT101	FLOW TRANSHITTER ROSEMOUNT	163C1561	RB	175 RH	Y	NA	NA	Y	15	98 A	Y
E51-N007 2ICS*PT103	PRESSURE TRANSHITTER ROSEMOUNT	163C1563	RB	175 RH	Y	NA	NA	Y	15	98 A	Y
E51-N010 2ICS*LS132	LEVEL SWITCH	184C4776	RB	175	Y	NA	NA	Y		NA B	N
E51-N035A 2ICS*LT3A	LEVEL TRANSHITTER		PT	246 RH	Y	NA				NA A	N
E51-N035E 2ICS*LT3C	LEVEL TRANSHITTER		PT	246 RH	Y	NA				NA A	N
E51-N037 2ICS*LS206	LEVEL SWITCH	184C4776	RB	175	Y	NA	NA	Y		NA B	N



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MASTER LIST OF SAFETY RELATED EQUIPMENTENGINEER: STONE & WEBSTER
NSSF SUPPLIER: GENERAL ELECTRIC

EQUIP. ID SPEC ID	DESCRIPTION MANUFACTURER	PPD NO.	---LOCATION---			---LOADS---		---QUAL METH---		---NAT FREQ---	---RRS REF---	---STATUS---
			BLDG	ELEV	HTG	SEIS	HYDR	ANLYS	TEST			
E51-N050 2ICS*PT104	PRESSURE TRANSMITTER ROSEMOUNT	163C1564	RB	175	RH	Y	NA	NA	Y	15	98 A	
E51-N051 2ICS*FT102	FLOW TRANSMITTER ROSEMOUNT	163C1561	RB	175	RH	Y	NA	NA	Y	15	98 A	Y
E51-N052 2ICS*PT106	PRESSURE TRANSMITTER ROSEMOUNT	163C1564	RB	175	RH	Y	NA	NA	Y	15	98 A	N
E51-N053 2ICS*PT105	PRESSURE TRANSMITTER ROSEMOUNT	163C1564	RB	175	RH	Y	NA	NA	Y	15	98 A	Y
E51-N055A 2ICS*PT2A	PRESSURE TRANSMITTER ROSEMOUNT	163C1564	RB	175	RH	Y	NA	NA	Y	15	98 A	Y
E51-N055B 2ICS*PT2B	PRESSURE TRANSMITTER ROSEMOUNT	163C1564	RB	175	RH	Y	NA	NA	Y	14	98 A	Y
E51-N055E 2ICS*PT2C	PRESSURE TRANSMITTER ROSEMOUNT	163C1564	RB	175	RH	Y	NA	NA	Y	15	98 A	Y
E51-N055F 2ICS*PT2D	PRESSURE TRANSMITTER ROSEMOUNT	163C1564	RB	175	RH	Y	NA	NA	Y	14	98 A	Y
E51-N056A 2ICS*PT1A	PRESSURE TRANSMITTER ROSEMOUNT	163C1564	RB	175	RH	Y	NA	NA	Y	15	98 A	Y
E51-N056E 2ICS*PT1B	PRESSURE TRANSMITTER ROSEMOUNT	163C1564	RB	175	RH	Y	NA	NA	Y	15	98 A	Y
E51-R001 2ICS*PI138	PRESSURE INDICATOR ROBERTSHAW	163C1184	RB	175	RH	Y	NA	NA	Y	15	98 A	Y
E51-R002 2ICS*PI141	PRESSURE INDICATOR ROBERTSHAW	163C1184	RB	175		Y	NA	NA	Y	15	NA A	Y
E51-R003 2ICS*PI139	PRESSURE INDICATOR ROBERTSHAW	163C1184	RB	175	RH	Y	NA	NA	Y	15	98 A	Y



REPORT DATE 03/29/85

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SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID SPEC ID	DESCRIPTION MANUFACTURER	PPD NO.	---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-	---RRS REF	
			BLDG	ELEV HTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---STATUS---	QUAL INST
E51-R004 2ICS*PI140	PRESSURE INDICATOR ROBERTSHAW	163C1184	RB	175	Y	NA	NA	Y	15	NA A	Y
E51-R005 2ICS*TI142	TEMPERATURE INDICATOR HEED	169C8974	RB	175 RH	Y	NA	Y	NA	247	98 A	N
E51A-K115	RELAY AGASTAT	169C9489	CB	306 CH	Y	NA	NA	Y	14	18 A	Y
E51A-K116	RELAY AGASTAT	169C9489	CB	306 CH	Y	NA	NA	Y	14	18 A	Y
F11-E001 2FNR-TL2	FUEL PREP MACHINE (QTY 2) GE	729E716	RB	354 CF	Y	NA	Y	NA	NA	91 C	N
F11-E011 2FNR-TL1	GENERAL PURPOSE GRAPPLE (QTY 3) GE	148E478	RB	NA NA	NA	NA	Y	NA	NA	NA A	
F14-E002	CONTROL ROD GRAPPLE GE	767E593	RB	NA NA	NA	NA	Y	NA	NA	NA A	
F15-E003 2FNR-CRN1	REFUEL PLATFORM PROGRAM & REMOTE SYS	795E416	RB	354 DH	Y	NA	Y	NA	10.7	91 C	N
F16-E009	DEF FUEL STOR CONTAINER (QTY 8) GE	117C2072	RB	315 CH	Y	Y	Y	NA	60+	92 A	Y
F16-E012	FUEL STORAGE VAULT GE	283X786	RB	337 DH	Y	NA	Y	NA	17.5	NA A	Y
G33-N007 2HCS-TE122	TEMPERATURE ELEMENT		RB	306	Y	NA				NA	N
G33-N008	TEMPERATURE ELEMENT		RB	261	Y	NA					Y
G33-N011 2HCS*FE126	RHCU FLOW ORIFICE VICKERY SINIS	145C3227	RB	314 LH	Y	NA	Y	NA		NA C	N
G33-N035 2HCS*FE115	RHCU FLOW ORIFICE VICKERY SINIS	145C3227	PC	245 LH	Y	Y	Y	NA		NA C	Y



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NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID SPEC ID	DESCRIPTION MANUFACTURER	PPD NO.	---LOCATION---		---LOADS---		---QUAL METH---		---NAT FREQ---		---RRS REF---	
			BLDG	ELEV	MTG	SEIS	HYDR	ANLYS	TEST	LOHEST	---STATUS---	QUAL INST
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
G33-N040 2WCS*FE119	RMCU FLOW ORIFICE VICKERY SIMMS	145C3227	RB	277	LH	Y	NA	Y	NA		NA C	N
H13-P601 2CEC*PNL601	CONTROL ROOM PANEL	793E701	CB	306	CF	Y	NA				18 A	Y
H13-P602 2CEC*PNL602	CONTROL ROOM PANEL	793E702	CB	306	CF	Y	NA				18 A	Y
H13-P603 2CEC*PNL603	CONTROL ROOM PANEL	793E703	CB	306	CF	Y	NA				18 A	Y
H13-P606 2CEC*PNL606	CONTROL ROOM PANEL	137D0169	CB	306	CF	Y	NA				18 A	Y
H13-P608 2CEC*PNL608	CONTROL ROOM PANEL	791E507	CB	306	CF	Y	NA				18 A	Y
H13-P609 2CEC*PNL609	CONTROL ROOM PANEL	793E709	CB	306	CF	Y	NA				18 A	Y
H13-P611 2CEC*PNL611	CONTROL ROOM PANEL	793E711	CB	306	CF	Y	NA				18 A	Y
H13-P612 2CEC*PNL612	CONTROL ROOM PANEL	793E712	CB	306	CF	Y	NA				18	Y
H13-P613 2CEC*PNL613	CONTROL ROOM PANEL	793E713	CB	306	CF	Y	NA				18	Y
H13-P618 2CEC*PNL618	CONTROL ROOM PANEL	793E718	CB	306	CF	Y	NA				18 A	Y
H13-P621 2CEC*PNL621	CONTROL ROOM PANEL	793E721	CB	306	CF	Y	NA				18 A	Y
H13-P622 2CEC*PNL622	CONTROL ROOM PANEL	793E722	CB	306	CF	Y	NA				18 A	Y



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NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID SHEC ID	-----EQUIPMENT-----		---LOCATION---			---LOADS---		QUAL METH-	NAT_FREQ-	----RRS REF	
	DESCRIPTION MANUFACTURER	PPD NO.	BLDG	ELEV	HTG	SEIS	HYDR	ANLYS TEST	LOHEST	---STATUS---	QUAL INST
H13-P623 2CEC*PNL623	CONTROL ROOM PANEL	793E723	CB	306	CF	Y	NA			18 A	Y
H13-P625 2CEC*PNL625	CONTROL ROOM PANEL	793E725	CB	306	CF	Y	NA			18 A	Y
H13-P628 2CEC*PNL628	CONTROL ROOM PANEL	793E728	CB	306	CF	Y	NA			18 A	Y
H13-P629 2CEC*PNL629	CONTROL ROOM PANEL	793E729	CB	306	CF	Y	NA			18 A	Y
H13-P630 2CEC-PNL630	RELAY ROOM PANEL	184C5894	CB	288	CF	Y	NA			18	Y
H13-P631 2CEC*PNL631	CONTROL ROOM PANEL	793E731	CB	306	CF	Y	NA			18 A	Y
H13-P632 2CEC*PNL632	CONTROL ROOM PANEL	793E732	CB	306	CF	Y	NA			18 A	Y
H13-P633 2CEC*PNL633	CONTROL ROOM PANEL	137D8170	CB	306	CF	Y	NA			18 A	Y
H13-P642 2CEC*PNL642	CONTROL ROOM PANEL	793E742	CB	306	CF	Y	NA			18 A	Y
H13-P700 2CEC*PNL700	TERMINATION CABINET	147D7825	CB	306	CF	Y	NA			18 A	Y
H13-P701 2CEC*PNL701	TERMINATION CABINET	147D7826	CB	306	CF	Y	NA			18 A	Y
H13-P702 2CEC*PNL702	TERMINATION CABINET	147D7827	CB	306	CF	Y	NA			18 A	Y
H13-P703 2CEC-PNL703	TERMINATION CABINET	147D7828	CB	306	CF	Y	NA			18 A	Y
H13-P704 2CEC*PNL704	TERMINATION CABINET	147D7829	CB	306	CF	Y	NA			18 A	Y



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MASTER LIST OF SAFETY RELATED EQUIPMENTENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID SHEC ID	DESCRIPTION MANUFACTURER	PPD NO.	LOCATION		LOADS		QUAL	METH	NAT FREQ	RRS REF		
			BLOG	ELEV	MTG	SEIS				HYDR	ANLYS	TEST
H13-P705 2CEC*PNL705	TERMINATION CABINET	147D7830	CB	306	CF	Y	NA			18	A	Y
H13-P706 2CEC*PNL706	TERMINATION CABINET	147D7831	CB	306	CF	Y	NA			18	A	Y
H13-P707 2CEC*PNL707	TERMINATION CABINET	147D7832	CB	306	CF	Y	NA			18	A	Y
H13-P708 2CEC*PNL708	TERMINATION CABINET	147D7833	CB	306	CF	Y	NA			18	A	Y
H13-P709 2CEC*PNL709	TERMINATION CABINET	147D7834	CB	306	CF	Y	NA			18	A	Y
H13-P730 2CEC*PNL730	TERMINATION CABINET	147D7835	CB	288	CF	Y	NA			17		Y
H13-P731 2CEC*PNL731	TERMINATION CABINET	147D7836	CB	288	CF	Y	NA			17		Y
H13-P732 2CEC-PNL732	TERMINATION CABINET	147D7837	CB	288	CF	Y	NA			17	A	Y
H13-P733 2CEC-PNL733	TERMINATION CABINET	147D7838	CB	288	CF	Y	NA			17	A	Y
H13-P734 2CEC*PNL734	TERMINATION CABINET	147D7839	CB	288	CF	Y	NA			17		Y
H13-P735 2CEC*PNL735	TERMINATION CABINET	147D7840	CB	288	CF	Y	NA			17		Y
H13-P736 2CEC*PNL736	TERMINATION CABINET	147D7841	CB	288	CF	Y	NA			17		Y
H13-P737 2CEC*PNL737	TERMINATION CABINET	147D7842	CB	288	CF	Y	NA			17		Y



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MASTER LIST OF SAFETY RELATED EQUIPMENTENGINEER: STONE & HEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID SHEC ID	DESCRIPTION MANUFACTURER	PPD NO.	---LOCATION---		---LOADS---		QUAL METH-	-NAT FREQ-	---RRS REF	---STATUS---
			BLOG	ELEV	MTG	SEIS	HYDR	ANLYS TEST	LOWEST	QUAL INST
H13-P740 2CEC*PNL740	TERMINATION CABINET	147D7845	CB	288	CF	Y	NA		17 A	Y
H13-P741 2CEC*PNL741	TERMINATION CABINET	147D7846	CB	306	CF	Y	NA		18	Y
H13-P742 2CEC*PNL742	TERMINATION CABINET	147D7847	CB	306	CF	Y	NA		18	Y
H13-P745 2CEC*PNL745	TERMINATION CABINET	147D7850	CB	288	CF	Y	NA		17	Y
H13-P748 2CEC*PNL748	TERMINATION CABINET	147D7852	CB	306	CF	Y	NA		18	Y
H13-P752 2CEC*PNL752	TERMINATION CABINET	147D7856	CB	288	CF	Y	NA		17	Y
H13-P753 2CEC*PNL753	TERMINATION CABINET	147D7857	CB	288	CF	Y	NA		17	Y
H13-P754 2CEC*PNL754	TERMINATION CABINET	147D7858	CB	288	CF	Y	NA		17	Y
H13-P837 2CEC*PNL837	RELAY ROOM PANEL	793E837	CB	288	CF	Y	NA		17	Y
H13-P838 2CEC*PNL838	RELAY ROOM PANEL	793E838	CB	288	CF	Y	NA		17	Y
H13-P851 2CEC*PNL851	CONTROL ROOM PANEL	793E851	CB	306	CF	Y	NA		18	Y
H13-P852 2CEC*PNL852	CONTROL ROOM PANEL	793E852	CB	306	CF	Y	NA		18 A	Y
H13-P859 2CEC*PNL859	RELAY ROOM PANEL	793E859	CB	288	CF	Y	NA		17	Y
H13-P861 2CEC*PNL861	RELAY ROOM PANEL	793E861	CB	288	CF	Y	NA		17	Y



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NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID SHEC ID	-----EQUIPMENT-----		---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF	
	DESCRIPTION MANUFACTURER	PPD NO.	BLDG	ELEV MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---STATUS---	QUAL INST
H13-P870 2CEC*PNL870	CONTROL ROOM PANEL	793E870	CB	306 CF	Y	NA				18 A	Y
H13-P871 2CEC*PNL871	CONTROL ROOM PANEL	793E871	CB	306 CF	Y	NA				18 A	Y
H13-P873 2CEC*PNL873	CONTROL ROOM PANEL	793E873	CB	306 CF	Y	NA				18 A	Y
H13-P874 2CEC*PNL874	RELAY ROOM PANEL	793E874	CB	288 CF	Y	NA				17	Y
H13-P875 2CEC*PNL875	CONTROL ROOM PANEL	793E875	CB	306 CF	Y	NA				18	Y
H22-P001 2CES*RAK001	INSTRUMENT RACK	184C4600	RB	175 CF	Y	NA				98 A	Y
H22-P002 2CES*RAK002	INSTRUMENT RACK	147D8016	RB	289 CF	Y	NA				93 A	Y
H22-P004 2CES*RAK004	INSTRUMENT RACK	147D8017	RB	261 CF	Y	NA				94 A	Y
H22-P005 2CES*RAK005	INSTRUMENT RACK	147D8018	RB	261 CF	Y	NA				94 A	Y
H22-P006 2CES*RAK006	INSTRUMENT RACK	147D8020	RB	215 CF	Y	NA				96 A	Y
H22-P009 2CES*RAK009	INSTRUMENT RACK	147D8005	RB	215 CF	Y	NA				96 A	Y
H22-P010 2CES*RAK010	INSTRUMENT RACK	147D8004	RB	215 CF	Y	NA				96 A	Y
H22-P011 2CES*RAK011	INSTRUMENT RACK	184C4602	RB	289 CF	Y	NA				93 A	Y



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NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID SHEC ID	DESCRIPTION MANUFACTURER	PPD NO.	LOCATION		LOADS		QUAL METH- ANLYS TEST	NAT FREQ- LOWEST	RRS REF	
			BLDG	ELEV HTG	SEIS	HYDR			STATUS	INST
H22-P015 2CES*RAK015	INSTRUMENT RACK	147D8006	RB	215 CF	Y	NA			96 A	Y
H22-P017 2CES*RAK017	INSTRUMENT RACK	147D8023	RB	175 CF	Y	NA			98 A	Y
H22-P018 2CES*RAK018	INSTRUMENT RACK	147D8024	RB	175 CF	Y	NA			98 A	Y
H22-P021 2CES*RAK021	INSTRUMENT RACK	147D8008	RB	175 CF	Y	NA			98 A	Y
H22-P022 2CES*RAK022	INSTRUMENT RACK	147D8009	RB	215 CF	Y	NA			98 A	Y
H22-P024 2CES*RAK024	INSTRUMENT RACK	184C4606	RB	175 CF	Y	NA			98 A	Y
H22-P025 2CES*RAK025	INSTRUMENT RACK	147D8012	RB	215 CF	Y	NA			98 A	Y
H22-P026 2CES*RAK026	INSTRUMENT RACK	147D8026	RB	261 CF	Y	NA			94 A	Y
H22-P027 2CES*RAK027	INSTRUMENT RACK	147D8028	RB	261 CF	Y	NA			94 A	Y
H22-P028 2CES*RAK028	INSTRUMENT RACK	147D8031	DG	261 CF	Y	NA			94 A	Y
H22-P029 2CES*RAK029	INSTRUMENT RACK	184C4612	RB	175 CF	Y	NA			98 A	Y
H22-P030 2CES*RAK030	INSTRUMENT RACK	195B9940	RB	240 DH	Y	NA			95 A	Y
H22-P031 2CES*RAK031	INSTRUMENT RACK	195B9940	RB	240 DH	Y	NA			95 A	Y
H22-P032 2CES*RAK032	INSTRUMENT RACK	195B9940	RB	240 DH	Y	NA			95 A	Y



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SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT

MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID SHEC ID	DESCRIPTION MANUFACTURER	PPD NO.	BLDG	ELEV	HTG	SEIS	HYDR	ANLYS	TEST	LOHEST	RRS REF ---STATUS---
H22-P033 2CES*RAK033	INSTRUMENT RACK	195B9940	RB	240	DH	Y	NA				95 A Y
H22-P041 2CES*RAK041	INSTRUMENT RACK	184C4604	RB	215	CF	Y	NA				98 A Y



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MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-958

EQUIP. ID DESCRIPTION MANUFACTURER SPEC NO. BLDG ELEV HTG SEIS HYDR ANALYS TEST LOHEST NAT FREQ-RRS REF-----STATUS-----
QUAL INST

2CMS*PNL66A	H ₂ Analyzer Remote Pnl Comsip	COOIC	ABN	240	DW	Y	NA	S	MF	19	61	A	Y
2CMS*PNL66B	H ₂ Analyzer Remote Pnl Comsip	COOIC	ABS	240	DW	Y	NA	S	MF	19	61	A	Y
2CMS*PNL73A	H ₂ /O ₂ Analyzer Local Pnl Comsip	COOIC	ABN	240	DW	Y	NA	S	MF	29	61	A	Y
2CMS*PNL73B	H ₂ /O ₂ Analyzer Local Pnl Comsip	COOIC	ABS	240	DW	Y	NA	S	MF	29	61	A	N
2CMS*AE71A	REMOTE PNL ANALYZER CELL COMSIP		ABN	240	CM	Y	NA	NA	MF	NA	61	A	N
2CMS*AE71B	REMOTE PNL ANALYZER CELL COMSIP		ABS								61	A	N
2CMS*AIT6A	LOCAL PNL TRANSMITTER COMSIP		ABN								61	A	N
2CMS*AIT6B			ABS								61	A	N
2CMS*AIT71A			ABN								61	A	N
2CMS*AIT71B			ABS								61	A	N
2CMS*P2A	REMOTE PNL MOTOR COMSIP		ABN								61	A	N
2CMS*P2B	REMOTE PNL MOTOR COMSIP	Y	ABS	Y	Y	Y	Y	Y	Y	Y	61	A	N



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MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & HEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

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JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-450

EQUIP. ID	DESCRIPTION MANUFACTURER	EQUIPMENT	SPEC NO.	LOCATION		LOADS	QUAL	METH	NAT FREQ	RRS REF	STATUS	QUAL INST
				BLDG	ELEV							

2DFM*LS136	Level Switch Magnetrol	C021L	SB	228	DW	Y	NA	NA	MF	27	5	A	Y
2DFM*LS137			SB	228							5	A	Y
2DFR*LS143			ABS	176							64	A	N
2DFR*LS144			ABS	175							64	A	N
2DFR*LS145			RB	175							64	A	N
2DFR*LS146			RB	175							64	A	N
2DFR*LS147			ABN	176							64	A	N
2DFR*LS148			ABN	176							64	A	N
2DFR*LS3A			ABN	176	EM						64	A	N
2DFR*LS3B			ABS	176	EM					Y	64	A	N
2HVK*LS41A			CB	277	LM					>40	NA	A	N
2HVK*LS41B			CB	278	LM	Y	Y	Y	Y	>40	NA	A	N



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SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
NSSF SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID DESCRIPTION EQUIPMENT SPEC NO. LOCATION LOADS QUAL METH NAT FREQ RRS REF STATUS QUAL INST

25FC *LS55A	Level Switch Magnetrol	C021L	RB	353	EM	Y	NA	NA	MF	>40	57	A	N
25FC *LS55B			RB	353							57	A	N
2EGF *LS12A			DG	262							16	A	Y
2EGF *LS12B			DG	262							16	A	Y
2EGF *LS103			DG	262							76	A	Y
2EGF *LS5A			DG	278							17	A	Y
2EGF *LS5B			DG	278							17	A	Y
2EGF *LS7A			DG	278							17	A	Y
2EGF *LS7B			DG	278							17	A	Y
2EGF *LS106			DG	278							17	A	Y
2EGF *LS108			DG	278							17	A	Y
2HVK *LS16A		Y	CB	277	Y	Y	Y	Y	Y	Y	17	A	N



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SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

-----EQUIPMENT-----
EQUIP. ID DESCRIPTION SPEC NO. BLDG ELEV HTG SEIS HYDR ANLYS TEST NAT FREQ- LOHEST ---RRS REF---
MANUFACTURER QUAL INST

2HVK*LS16B	Level Switch Magnetrol	CO2IL	CB	261	EM	Y	NA	NA	MF	>40	16 A	N
2SWP*LS30A			SB	288	CF						7 A	Y
2SWP*LS30B			SB	228	CF						5 A	Y
2SWP*LS73A			SB	228	CF						5 A	Y
2SWP*LS73B			SB	228	CF						5 A	Y
2SFC*LS34A			RB	328	EM						58 A	N
2SFC*LS34B			RB	329							58 A	N
2SFC*LS33A			RB	353							57 A	N
2SFC*LS33B			RB	353							57 A	N
2SFC*LS33C			RB	215							62 A	Y
2SFC*LS33D			RB	329							58 A	N
2EGF*LS109		Y	DG	278	Y	Y	Y	Y	Y	Y	17 A	Y



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ENGINEER: STONE & WEBSTER
HSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID EQUIPMENT SPEC NO. LOCATION LOADS QUAL METH NAT FREQ RRS REF STATUS INST

2EGF*LS8A	Level switch	C021L	DG	278	EM	Y	NA	NA	MF	>40	12	
	Magnetrol										A	Y
2EGF*LS8B	Level switch	C021L	DG	278	EM	Y	NA	NA	MF	>40	12	
	Magnetrol										A	Y
									</			



JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID DESCRIPTION EQUIPMENT SPEC NO. LOCATION LOADS QUAL METH NAT FREQ RRS REF STATUS QUAL INST

2CMS*TE50A	RTD PYCO	C041D	PC	199	DW	Y	Y	NA	MF	NA	39	A	Y
2CMS*TE50B			PC	199							39	A	Y
2CMS*TE50C			PC	199							39	A	Y
2CMS*TE50D			PC	199							39	A	Y
2CMS*TE51A			PC	199							39	A	Y
2CMS*TE51B			PC	199							39	A	Y
2CMS*TE51C			PC	199							39	A	Y
2CMS*TE51D			PC	199							39	A	Y
2CMS*TE52A			PC	199							39	A	Y
2CMS*TE52B			PC	199							39	A	Y
2CMS*TE52C			PC	199							39	A	Y
2CMS*TE52D	✓	✓	PC	199	✓	✓	✓	✓	✓	✓	39	A	Y



JOB NAME NMP- UNIT 2
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SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

-----EQUIPMENT-----
EQUIP. ID DESCRIPTION SPEC NO. BLDG ELEV HTG SEIS HYDR ANALYS TEST LOWEST NAT FREQ-----RRS REF-----
MANUFACTURER QUAL INST

2CMSXTE53A	RTD Pyco	CO41D	PC	199	DW	Y	Y	NA	MF	NA	39 A	Y
2CMSXTE53B											39 A	Y
2CMSXTE53C											39 A	Y
2CMSXTE53D											39 A	Y
2CMSXTE54A											39 A	Y
2CMSXTE54B											39 A	Y
2CMSXTE54C											39 A	Y
2CMSXTE54D											39 A	Y
2CMSXTE55A											39 A	Y
2CMSXTE55B											39 A	Y
2CMSXTE55C											39 A	Y
2CMSXTE55D											39 A	Y



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UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
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DOCKET NO. 50-458

EQUIP. ID DESCRIPTION EQUIPMENT SPEC NO. LOCATION LOADS QUAL METH NAT FREQ RRS REF STATUS INST

2CMS*TE56A	RTD											39	
	Pyco		CO41D	PC	199	DW	Y	Y	NA	MF	NA	A	Y
2CMS*TE56B												39	
												A	Y
2CMS*TE56C												39	
												A	Y
2CMS*TE56D												39	
												A	Y
2CMS*TE57A												39	
												A	Y
2CMS*TE57B												39	
												A	Y
2CMS*TE57C												39	
												A	Y
2CMS*TE57D												39	
												A	Y
2CMS*TE58A												39	
												A	Y
2CMS*TE58B												39	
												A	Y
2CMS*TE58C												39	
												A	Y
2CMS*TE58D												39	
												A	Y



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MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID -----EQUIPMENT----- ---LOCATION--- ---LOADS--- -QUAL METH- -NAT FREQ- ----RRS REF----
DESCRIPTION SPEC NO. BLDG ELEV HTG SEIS HYDR ANALYS TEST LOWEST ---STATUS---
MANUFACTURER QUAL INST

2CMS*TE59A	RTD Pyco	C041D	PC	199	DW	Y	Y	NA	MF	NA	39	A	Y
2CMS*TE59B			PC	199							39	A	Y
2CMS*TE59C			PC	199							39	A	Y
2CMS*TE59D			PC	199							39	A	Y
2CMS*TE67A			PC	197							39	A	N
2CMS*TE67B			PC	197							39	A	N
2CMS*TE68A			PC	197							39	A	N
2CMS*TE68B			PC	197							39	A	N
2CMS*TE69A			PC	197							39	A	N
2CMS*TE69B			PC	197							39	A	N
2CMS*TE70A			PC	197							39	A	N
2CMS*TE70B	✓	✓	PC	197	✓	✓	✓	✓	✓	✓	39	A	N



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MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & HEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID DESCRIPTION EQUIPMENT SPEC NO. LOCATION LOADS QUAL METH NAT FREQ RRS REF STATUS INST
MANUFACTURER BLDG ELEV HTG SEIS HYDR ANALYS TEST LOWEST QUAL INST

2CMS*TE101	RTD Pyco	0041D	PC	314	DW	Y	Y	NA	MF	NA	32	A	N
2CMS*TE102			PC	302							33	A	N
2CMS*TE103			PC	284							34	A	N
2CMS*TE104			PC	276							34	A	N
2CMS*TE105			PC	256							36	A	N
2CMS*TE106			PC	248							36	A	N
2CMS*TE107			PC	232							37	A	N
2CMS*TE108			PC	232							37	A	N
2CMS*TE109			PC	232							37	A	N
2CMS*TE116			PC	314							32	A	N
2CMS*TE117			PC	302							33	A	N
2CMS*TE118	↓	↓	PC	284	↓	↓	↓	↓	↓	↓	34	A	N



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UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
HSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-450

EQUIP. ID EQUIPMENT SPEC NO. LOCATION LOADS QUAL METH NAT FREQ RRS REF
DESCRIPTION MANUFACTURER BLDG ELEV HTG SEIS HYDR ANALYS TEST LOHEST STATUS QUAL INST

2CMS*TE119	RTD Pyco		CO41D	PC	278	DW	Y	Y	NA	MF	NA	34 A	N
2CMS*TE120				PC	258		Y	Y				36 A	N
2CMS*TE121				PC	248		Y	Y				36 A	N
2CMS*TE122				PC	232		Y	Y				37 A	N
2CMS*TE123				PC	232		Y	Y				37 A	N
2CMS*TE124				PC	232	✓	Y	Y				37 A	N
25FC*TE8A				RB	215	LM	Y	N				A	N
25FC*TE8B				RB	215		Y	N				A	N
25FC*TE31A				RB	328		Y	N				A	N
25FC*TE31B				RB	328		Y	N				A	N
25WP*TE31A				SB	261		Y	N				A	Y
25WP*TE31B	✓		✓	SB	261	✓	Y	N	✓	✓	✓	A	Y



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SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID	DESCRIPTION MANUFACTURER	EQUIPMENT	SPEC NO.	LOCATION	BLDG	ELEV	ITG	SEIS	HYDR	ANLYS	TEST	LOHEST	QUAL	HEATH	NAT FREQ	RRS REF	STATUS	INST
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25WP*TE35A	RTD Pyco	CO41D	CB	261	LM		Y	NA	NA	MF	NA		NA			NA	A	Y
25WP*TE35B			CB	261	LM											NA	A	Y
25WP*TE64A			ITK	260	DW											II	A	N
25WP*TE64B			ITK	260	DW											II	A	N
25WP*TE65A			ITK	260	DW											II	A	N
25WP*TE65B			ITK	260	DW											II	A	N
25WP*TE91A			CB	261	LM											NA	A	Y
25WP*TE91B			CB	261												NA	A	Y
25WP*TE145A			SB	245												NA	A	Y
25WP*TE145B			SB	245												NA	A	Y



JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-450

-----EQUIPMENT-----
EQUIP. ID DESCRIPTION SPEC NO. LOCATION BLDG ELEV MTG SEIS HYDR ANALYS TEST NAT FREQ LOHEST RRS REF
-----STATUS-----
QUAL INST

2CCP*RV60A	Relief Valve Crosby	C051A	ABN	182	LM	Y	NA	S	SO	733	NA	A	Y
2CCP*RV60B			ABS	177							NA	A	Y
2CCP*RV60C			ABS	177							NA	A	Y
2CCP*RV64A			RB	227							NA	A	Y
2CCP*RV64B			RB	218							NA	A	Y
2CCP*RV170			RB	262							NA	C	Y
2CCP*RV 171			RB	262							NA	C	Y
2CSH*RV113			RB	180							NA	C	N
2CSH*RV114			RB	185							NA	C	N
2CSL*RV105			RB	296							NA	C	N
2CSL*RV123			RB	210							NA	C	N
2HVK*RV14A			CB	173	✓	✓	✓	✓	✓	✓	NA	A	Y



JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID DESCRIPTION SPEC NO. LOCATION LOADS QUAL METH NAT FREQ RRS REF STATUS QUAL INST

2HVK*RV14B	Relief Valve Crosby	COSIA	CB	284	LM	Y	NA	5	50	>33	NA A	N
2HVK*RV35A			CB	289							NA A	N
2HVK*RV35B			CB	306							NA A	N
2HVK*RV37A			CB	261							NA A	N
2HVK*RV37B			CB	261							NA A	Y
2HVK*RV43A			CB	289							NA A	N
2HVK*RV43B			RB	306							NA A	N
2IAS*SV19A			RB	289							NA A	N
2IAS*SV19B			RB	289							NA B	N
2IAS*SV20A			RB	289							NA C	N
2IAS*SV20B			RB	289							NA C	N
2ICS*RV112	✓	✓	RB	181	✓	✓	✓	✓	✓	✓	NA A	N



JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID DESCRIPTION EQUIPMENT SPEC NO. LOCATION LOADS QUAL METH NAT FREQ RRS REF
MANUFACTURER BLDG ELEV HTG SEIS HYDR ANALYS TEST LOWEST STATUS
QUAL INST

2ICS*RV114	Relief Valve Crosby	COSIA	RB	188	LM	Y	NA	S	SO	>33	NA A	Y
2RH5*RV20A				205						>33	NA C	Y
2RH5*RV20B				208							NA C	Y
2RH5*RV20C				234							NA C	Y
2RH5*RV61A				204							NA C	N
2RH5*RV61B				205							NA C	Y
2RH5*RV61C				203							NA C	Y
2RH5*RV108				225							NA C	Y
2RH5*RV110				210							NA C	Y
2RH5*RV139			Y	210							NA C	Y
2RH5*RV152			PC	258							NA C	Y
2RH5*SV34A	↓	↓	ABS	209	↓	↓	↓	↓	↓	↓	NA A	Y



JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID DESCRIPTION SPEC NO. BLDG ELEV HTG SEIS HYDR ANALYS TEST LOWEST NAT FREQ RRS REF STATUS QUAL INST

2RHS*SV34B	Relief Valve	C051A	ABS	209	LM	Y	NA	S	SO	733	NA	A	Y
2RHS*SV62A	Crosby		ABN	209							NA	A	Y
2RHS*SV62B			ABS	209							NA	A	Y
25LS*RV2A			RB	292							NA	C	N
25LS*RV2B			RB	292							NA	C	N
25WP*RV9A			ABN	255							NA	A	Y
25WP*RV9B			ABS	255							NA	A	Y
25WP*RV10A			ABN	192							NA	A	Y
25WP*RV10B			ABN	185							NA	A	Y
25WP*RV11A			ABS	254							NA	A	Y
25WP*RV11B			ABS	254							NA	A	Y
25WP*RV27A			DG	272	Y	Y	Y	Y	Y	Y	NA	A	N



JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID DESCRIPTION EQUIPMENT SPEC NO. LOCATION LOADS QUAL METH NAT FREQ RRS REF STATUS QUAL INST

25WP* RV27B	Relief Valve Crosby	COSIA	DG	272	LM	Y	NA	S	SO	733	NA A	N
25WP* RV34A			ABN	175							NA C	Y
25WP* RV34B			ABS	175							NA C	Y
25WP* RV53A			CB	288							NA A	Y
25WP* RV53B			CB	281							NA A	Y
25WP* RV58A			CB	270							NA A	N
25WP* RV58B			CB	279							NA A	N
25WP* RV68A			RB	273							NA A	N
25WP* RV68B			RB	285							NA A	N
25WP* RV72A			SG	283							NA A	N
25WP* RV72B			SG	283							NA A	N
25WP* RV80A			ABN	192	Y	Y	Y	Y	Y	Y	NA A	N



JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & HEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID DESCRIPTION EQUIPMENT SPEC NO. LOCATION LOADS QUAL METH NAT FREQ RRS REF STATUS QUAL INST

25WP*RV80B	Relief Valve												NA	
	Crosby	COSIA	ABN	184	LM	Y	NA	S	NA	733			A	N
25WP*RV80C			ABS	184									NA	
													A	Y
25WP*RV80D			ABN	192									NA	
													A	Y
25WP*RV80E			ABS	178									NA	
													A	Y
25WP*RV80F			ABS	175									NA	
													A	N
25WP*RV81A			RB	180									NA	
													A	Y
25WP*RV81B				206									NA	
													A	Y
25WP*RV82A				196									NA	
													A	Y
25WP*RV82B				196									NA	
													A	Y
25WP*RV82C				196									NA	
													A	Y
25WP*RV82D				200									NA	
													A	Y
25WP*RV83A				223									NA	
													A	Y



JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & HEBSTER
HSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID DESCRIPTION EQUIPMENT SPEC NO. LOCATION LOADS QUAL METH NAT FREQ RRS REF STATUS INST

25WP*RV83B	Relief Valve Crosby	CD51A	RB	218	LM	Y	NA	5	SO	733	NA A	Y
25WP*RV83C				209							NA A	Y
25WP*RV83D				233							NA A	Y
25WP*RV83E				224							NA A	Y
25WP*RV84A				243							NA A	N
25WP*RV84B				254							NA A	N
25WP*RV84C				175							NA A	N
25WP*RV85A				280							NA A	Y
25WP*RV85B				282							NA A	N
25WP*RV85C			Y	285							NA A	N
25WP*RV87A			CB	281							NA A	Y
25WP*RV87B			CB	281	Y	Y	Y	Y	Y	Y	NA A	Y



JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & HEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID DESCRIPTION SPEC NO. LOCATION LOADS QUAL METH NAT FREQ RRS REF
MANUFACTURER BLDG ELEV HTG SEIS HYDR ANALYS TEST LOHEST STATUS QUAL INST

25WP*RV89A	Relief Valve Crosby	COSIA	CB	274	LM	Y	NA	S	NA	>33	NA A	N
25WP*RV89B			CB	286							NA A	N
25WP*RV155A			RB	187							NA A	N
25WP*RV155B			RB	178							NA A	Y
25WP*RV202A			DG	284							NA C	N
25WP*RV202B			DG	284							NA C	N
25WP*RV203			DG	284							NA C	N
25WP*RV515			CB	283							NA A	N
25WP*RV518			DG	273							NA A	N
25WP*RV556			ABN	209							NA A	Y
25WP*RV558			ABS	209							NA A	Y
25WP*RV564			ASB	239							NA A	Y



UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT

MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

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JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & HEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID -----EQUIPMENT----- ---LOCATION--- ---LOADS--- ---QUAL METH--- ---NAT FREQ--- ---RRS REF---
DESCRIPTION SPEC NO. BLDG ELEV HTG SEIS HYDR ANLYS TEST LOHEST ---STATUS---
MANUFACTURER QUAL INST

2CCP*RV82A	RELIEF VALUE CROSBY	COSIA	PC	261	LM	Y	Y	S	SO	>33	NA C N
2CCP*RV82B											NA C N
2CCP*RV82C											NA C N
2CCP*RV82D											NA C N
2CCP*RV83A											NA C N
2CCP*RV83B											NA C N
2CCP*RV84A											NA C Y
2CCP*RV84B											NA C N
2CCP*RV85A											NA C N
2CCP*RV85B											NA C Y



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SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & HEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID DESCRIPTION EQUIPMENT SPEC NO. BLDG ELEV HTG SEIS HYDR ANALYS TEST NAT FREQ- RRS REF-
MANUFACTURER LOWEST STATUS-
QUAL INST

2CSH*RV160	RELIEF VALVE CROSBY	COSIA	RB	178	LM	Y	Y	S	SO	>33	NA C	N
2CSL*RV134			ABN	180			NA				NA C	N
2RHS*RV117			ABS								NA A	N
2GSN*RV32A			RB	289							NA C	N
2GSN*RV32B			RB	289							NA C	N
2GSN*RV34A			YD	261							NA C	N
2GSN*RV34B		Y	YD	261	Y	Y	Y	Y	Y	Y	NA C	N



JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
HSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID -----EQUIPMENT----- --LOCATION-- --LOADS-- --QUAL METH-- --NAT FREQ-- --RRS REF--
DESCRIPTION SPEC NO. BLDG ELEV HTG SEIS HYDR ANALY TEST LOWEST --STATUS--
MANUFACTURER QUAL INST

		COSIM				LM	Y	N	S				
2CSL*FV114	10"-300# GLOBE w/SHB-00-5			RB	203						SF	37	NA
	CV												B Y
2HVK*TV21A	4"-150# 3WAY w/BW# 85830			CB	291						SF	85	NA
	CV												B Y
2HVK*TV21B	4"-150# 3WAY w/BW# 85830			CB	306						SF	85	NA
	CV												B Y
2HVK*TV22A	4"-150# 3WAY w/BW# 85830			CB	289						SF	85	NA
	CV												B N
2HVK*TV22B	4"-150# 3WAY w/BW# 85830			CB	306						SF	85	NA
	CV												B N
2ICS*A0V109	2"-150# w/SPRING ACTUATOR			RB	175						SF	73	NA
	CV												A N
2ICS*A0V110	2"-150# w/SPRING ACTUATOR			RB	175						SF	73	NA
	CV												A N
2ICS*A0V130	2"-900# w/SPRING ACTUATOR			RB	187						SF	73	NA
	CV												A N
2ICS*A0V131	2"-900# w/SPRING ACTUATOR			RB	187						SF	73	NA
	CV												A N



JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & HEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID EQUIPMENT LOCATION LOADS QUAL METH NAT FREQ RRS REF
DESCRIPTION SPEC NO. BLDG ELEV HTG SEIS HYDR ANLYS TEST LOHEST STATUS
MANUFACTURER QUAL INST

2CSH*RV160	RELIEF VALVE CROSSBY	COSIA	RB	178	LM	Y	Y	S	SO	>33	NA C N
2CSL*RV134			ABN	180			NA				NA C N
2RHS*RV117			ABS								NA A N
2GSN*RV32A			RB	289							NA A N
2GSN*RV32B			RB	289							NA A N
2GSN*RV34A			YD	261							NA A N
2GSN*RV34B	Y	Y	YD	261	Y	Y	Y	Y	Y	Y	NA A N



JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID EQUIPMENT LOCATION LOADS QUAL METH NAT FREQ RRS REF
DESCRIPTION SPEC NO. BLDG ELEV HTG SEIS HYDR ANLYS TEST LOWEST STATUS
MANUFACTURER QUAL INST

2C		CO51M	RB	177	LM	Y	N	S	64			
2C			RB	212					70			
2CSL*FV114	10"-300" GLOBE w/SHB-00-5 CV	CO51M	RB	203	LM	Y	N	S	SF	37	N/A	Y
2C				173					N/A	64		
2HVK*TV21A	4"-150" 3WAY w/BW# 85830 CV		CB	291					SF	85	N/A	Y
2HVK*TV21B	4"-150" 3WAY w/BW# 85830 CV		CB	306					SF	85	N/A	Y
2HVK*TV22A	4"-150" 3WAY w/BW# 85830 CV		CB	289					SF	85	N/A	N
2HVK*TV22B	4"-150" 3WAY w/BW# 85830 CV		CB	306					SF	85	N/A	N
2ICS*AOV109	2"-150" w/SPRING ACTUATOR CV		RB	175					SF	73	N/A	N
2ICS*AOV110	2"-150" w/SPRING ACTUATOR CV		RB	175					SF	73	N/A	N
2ICS*AOV130	2"-900" w/SPRING ACTUATOR CV		RB	187					SF	73	N/A	N
2ICS*AOV131	2"-900" w/SPRING ACTUATOR CV		RB	187					SF	73	N/A	N



JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID EQUIPMENT LOCATION LOADS QUAL METH NAT FREQ RRS REF
DESCRIPTION SPEC NO. BLDG ELEV HTG SEIS HYDR ANALYS TEST LOWEST STATUS
MANUFACTURER QUAL INST

2ICS * FV 108	3"-900 [#] GLOBE w/SMB-00.5 COPEX VULCAN (CV)	COSIM	RB	188	LM	Y	N	S	SF	46	NA B Y
2ICS * PCV 115	2"-900 [#] GLOBE w/BW 85960 CV		RB	186					SF	85	NA B N
2RHS * FV 38A	14"-300 [#] GLOBE w/SMB-00.5 CV		RB	206					SF	37	NA B Y
2RHS * FV 38B	14"-300 [#] GLOBE w/SMB-00.5 CV		RB	218					SF	37	NA B Y
2RHS * FV 38C	14"-300 [#] GLOBE w/SMB-00.5 CV		RB	218					SF	37	NA B Y
2RHS * LV 17A	3"-300 [#] w/SPRING ACTUATOR CV		ABN	181					SF	85	NA A N
2RHS * LV 17B	3"-300 [#] w/SPRING ACTUATOR CV		ABS	177					SF	85	NA A Y
2RHS * PV 21A	8"-900 [#] w/SPRING ACTUATOR CV		RB	190					SF	86	NA A Y



JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT

MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID	DESCRIPTION MANUFACTURER	SPEC NO.	BLDG	ELEV	HGT	SEIS	HYDR	ANLYS	TEST	NAT FREQ- LOWEST	RRS REF- ---STATUS--- QUAL INST
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JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID	DESCRIPTION MANUFACTURER	SPEC NO.	BLDG	ELEV	HTG	SEIS	HYDR	ANLYS	TEST	LOHEST	RRS REF	STATUS	QUAL INST
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2CMS* AR6B	Analyzer Recorder	C0619	CB	306	CM	Y	NA					18	
	Electro-Mech											A	Y
2CMS* AR71B	↓			306								18	
												A	Y
2CMS* LR9B	Level Recorder			306								18	
	Electro-Mech											A	N
2CMS* PR1B	Pressure Recorder			306								18	
	Electro-Mech											A	Y
2CMS* PR2B	↓			306								18	
												A	Y
2CMS* PR7B	↓			306								18	
												A	Y
2CMS* TR67B	Temperature Recorder			306								18	
	Electro-Mech											A	Y
2CMS* TR68B	Supp Pool Temp Recorder			306								18	
	Electro-Mech											A	Y
2CMS* TR69B				306								18	
												A	Y
2CMS* TR70B				306								18	
												A	Y
2CMS* TRW170				306								18	
												A	Y
2CMS* TRX170	↓	↓	Y	306	↓	↓	↓					18	
												A	Y



JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISHIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID EQUIPMENT LOCATION LOADS QUAL METH NAT FREQ RRS REF
DESCRIPTION SPEC NO. BLDG ELEV HTG SEIS HYDR ANALYS TEST LOWEST STATUS
MANUFACTURER QUAL INST

2CMS*TRY170	Supp. Pool Wtr. Temp											18	
	Electro-Mech	C061G	CB	306	CM	Y	NA					A	Y
2CMS*TRZ170												18	
	↓		CB	306	CM							A	Y
2EGF*IPNL112	Fuel Oil Panel											16	
	Electro-Mech		D9	261	DW			S	NA	>49		A	Y
2RHS*FI60A	RHS Hx Discharge Flow											16	
	Electro-Mech		CB	261	CM							D	Y
60B												16	
				261								D	Y
2RHS*FY60A												16	
				261								D	Y
60B												16	
				261								D	Y
2RHS*PWR60A												16	
				261								D	Y
60B												16	
	↓		CB	261								D	Y
2RPS*ZS1A	Position Switch												
	Electro-Mech											D	N
1B	Position Switch												
	Electro-Mech											D	N
1C	Position Switch	Y				Y	Y						
	Electro-Mech											D	N



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UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT

MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID	-----EQUIPMENT-----		---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-		----RRS, REF----	
	DESCRIPTION	SPEC NO.	BLDG	ELEV HTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---	STATUS---	QUAL INST
MANUFACTURER												
=====												

2RPS*ZS ID	Position Switch Electro-Mech	COGIG		CM	Y	NA						
2RSS*E/106	RCIC Pmp. Disch Flow Electro-Mech		CB	261							16	N
2RSS*FIC106				261							16	Y
2RSS*FY106				261							16	Y
2RSS*LI101	Reactor Vessel Level Electro-Mech			261							16	N
2RSS*LI105'				261							16	N
2RSS*LI115				261							16	N
2RSS*PI102				261							16	Y
2RSS*PWR101				261							16	Y
102				261							16	Y
105				261							16	Y
106		✓	✓	261	✓	✓	✓				16	Y

JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID EQUIPMENT LOCATION LOADS QUAL METH NAT FREQ RRS REF
DESCRIPTION SPEC NO. BLDG ELEV HTG SEIS HYDR ANLYS TEST LOWEST STATUS
MANUFACTURER QUAL INST

2RSS*PWR5115	Reactor Vessel Level Electro-Mech	0061G	CB	261	CM		Y	NA			16	D	Y
2RSS*SI107	RCIC Turbine Speed Electro-Mech										16	D	Y
2RSS*TI103	Suppl. Pool Wtr. Temp Electro-Mech										16	D	N
2RSS*TI104											16	D	N
2RSS*PI108	ADS Accum. Tank Press Electro-Mech										16	D	Y
109											16	D	Y
110											16	D	Y
111											16	D	Y
2RSS*PWR5108											16	D	Y
109											16	D	Y
110											16	D	Y
111		✓	✓	✓	✓		✓	✓			16	D	Y



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ENGINEER: STONE & HEBSTER
NSSF SUPPLIER: GENERAL ELECTRIC

EQUIP. ID -----EQUIPMENT----- LOCATION----- LOADS--- QUAL METH- NAT FREQ- -----RRS REF-----
DESCRIPTION SPEC NO. BLOG ELEV HTG SEIS HYDR ANLYS TEST LOHEST -----STATUS-----
MANUFACTURER QUAL INST

2SWP*FI200A	SWP Pump Disch Flow Electro-Mech	C061G	CB	261	CM	Y	NA					14		
												D	Y	
200B												16		
												D	Y	
200C												16		
												D	Y	
200D												16		
												D	Y	
200E												16		
												D	Y	
200F	✓											16		
												D	Y	
2SWP*FI201A	SWP Wtr Flow to RHS HX Electro-Mech											16		
												D	Y	
201B	✓											16		
												D	Y	
2SWP*PDI 1A	DIFF. PRESS. ELECTRO MECH.		SW	261				N/A	MF	N/A		22		
												A	Y	
1B												22		
												A	Y	
1C												22		
												A	Y	
1D	✓	✓	✓	✓	✓	✓	✓					22		
												A	Y	



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EQUIP. ID -----EQUIPMENT----- --LOCATION-- --LOADS-- --QUAL METH-- --NAT FREQ-- --RRS REF--
DESCRIPTION SPEC NO. BLDG ELEV HTG SEIS HYDR ANLYS TEST LOHEST --STATUS--
MANUFACTURER QUAL INST

2SWP*FY200A	SWP Pump Disch Flow										16		
	Electro-Mech	CD0101G	CB	261	CM	Y	NA				D	Y	
200B											16		
											D	Y	
200C											16		
											D	Y	
200D											16		
											D	Y	
200E											16		
											D	Y	
200F											16		
	↓										D	Y	
2SWP*FY201A	SWP Wtr Flow to RHS Hx										16		
	Electro-mech										D	Y	
201B											16		
	↓										D	Y	
2SWP*PDI 1E	DIFF. PRESSURE										22		
	ELECTRO-MECH.		SW	261				N/A	MF	N/A	A	Y	
IF											22		
	↓										A	Y	



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NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID -----EQUIPMENT----- ---LOCATION--- ---LOADS--- -QUAL METH- -NAT FREQ- ----RRS REF-----
DESCRIPTION SPEC NO. BLDG ELEV HTG SEIS HYDR ANLYS TEST LOHEST ---STATUS---
MANUFACTURER QUAL INST

2SWP* PWR5200A	SWP Pump Disch Flow Electro-Mech	CO61G	CB	201	CM	Y	NA				16	D	Y
200B											16	D	Y
200C											16	D	Y
200D											16	D	Y
200E											16	D	Y
200F	↓										16	D	Y
2SWP* PWR5201A	SWP Wtr Flow to RLS Hx Electro-Mech										16	D	Y
201B											16	D	Y
201C											16	D	N
201D											16	D	N
201E											16	D	N
201F	↓	↓	↓	↓	↓	↓	↓				16	D	N



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NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID -----EQUIPMENT----- ---LOCATION--- ---LOADS--- -QUAL METH- -NAT FREQ- ---RRS REF---
DESCRIPTION SPEC NO. BLDG ELEV HTG SEIS HYDR ANALYS TEST LOHEST ---STATUS---
MANUFACTURER QUAL INST

2CEC*PNL898	POST ACC. MON. PANEL	C0616	CB	306	CF	Y	NA	S	NA	28	18	
	ELECTRO-MECH.										A	Y
2CES*PNL405	REMOTE SHUTDOWN GNT.PNL		CB	261	CF					37	16	
	ELECTRO-MECH.										A	Y
2CES*PNL504	SERVICE WATER STRAINER		SB	261	DW					50	6	
	ELECTRO-MECH.										A	Y
2CES*PNL505	SERVICE WATER STRAINER		SB	261	DW					50	6	
	ELECTRO-MECH.										A	Y
517	TRANSIENT ANAL. PANEL		CB	261	CF					48	16	
	ELECTRO-MECH.										A	N
519			CB	261	CF					48	16	
											A	N
520			CB	261	CF					48	16	
											A	N
2RHS*PNL100	RHR STEAM LINE DRAIN		RB	218								
	ELECTRO-MECH.										D	Y
2CES*PNL554	POST ACCIDENT SAMPLING		CB	240								
	ELECTRO-MECH.										D	N
2CES*PNL415	CONT. ROOM FIRE DISC. - DIV II		CB	306								
	ELECTRO-MECH.										D	N
2CES*PNL416	CONT. ROOM FIRE DISC. - DIV II		CB	306		Y	Y	Y	Y			
	ELECTRO-MECH.										D	N



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ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID -----EQUIPMENT----- ---LOCATION--- ---LOADS--- -QUAL HETH- -NAT FREQ- ----RRS REF----
DESCRIPTION SPEC NO. BLDG ELEV HTG SEIS HYDR ANLYS TEST LOWEST ---STATUS---
MANUFACTURER QUAL INST

2CES*RAK105	Instrument Rack Mercury Co.	C061P	TB	261	CF	Y	NA	S	NA	44	60 A	Y
2CES*RAK106				261							60 A	Y
2CES*RAK107				261							60 A	Y
2CES*RAK108				289							59 A	Y
2CES*RAK109				289							59 A	Y
2CES*RAK231			TB	278							6 A	Y
2CES*RAK232	↓	↓	TB	278	↓	↓	↓	↓	↓	↓	6 A	Y



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SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID DESCRIPTION EQUIPMENT SPEC NO. BLDG ELEV HTG SEIS HYDR ANALYS TEST NAT FREQ RRS REF
MANUFACTURER STATUS QUAL INST

2HVC*FS 9A	Flow Actuated Switches	C071A	CB	288	DM	Y	NA	NA	MF	>32	17	A	N
2HVC*FS 9B	MCC POWERS			294							18	A	N
2HVC*FS 13A				288							17	A	N
2HVC*FS 13B				306							18	A	N
2HVC*FS 16A				306							18	A	N
2HVC*FS 16B				306							18	A	N
2HVC*FS 23A				288							17	A	N
2HVC*FS 23B				306							18	A	N
2HVC*FS 24A				288							17	A	N
2HVC*FS 24B				306							18	A	N
2HVC*FS 26A				288							17	A	N
2HVC*FS 26B	Flow Actuated Switches	C071A		306		Y	NA	NA	MF	>32	18	A	N
	MCC POWERS												



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NSSF SUPPLIER: GENERAL ELECTRIC

EQUIP. ID EQUIPMENT LOCATION LOADS QUAL METH NAT FREQ RRS REF
DESCRIPTION SPEC NO. BLDG ELEV HTG SEIS HYDR ANALYS TEST LOHEST STATUS
MANUFACTURER QUAL INST

2HVC*FS51A	FLOW ACTUATED SWITCHES	C071A	CB	288	DM	Y	NA	NA	MF	>32	17	
	MCC POWERS										A	N
2HVC*FS51B				306							18	
											A	N
2HVC*FS53A				289							17	
											A	N
2HVC*FS53B				289							18	
											A	N
2HVC*FS56A				261							17	
											A	N
2HVC*FS56B				261							17	
											A	N
2HVC*FS56C				261							17	
											A	N
2HVC*FS56D			V	261							16	
											A	N
2HVC*FS151			ASB	242							5	
											A	N
2HVC*FS161			ASB	240							5	
											A	N
2HVC*FS172			CB	237							15	
											A	N
2HVC*FS196	FLOW ACTUATED SWITCHES	C071A	CB	237	V	Y	NA	NA	MF	>32	15	
	MCC POWERS										A	N

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EQUIP. ID EQUIPMENT LOCATION LOADS QUAL METH NAT FREQ RRS REF
DESCRIPTION SPEC NO. BLDG ELEV HTG SEIS HYOR ANLYS TEST LOWEST STATUS
MANUFACTURER QUAL INST

2HVC*TE8A	TEMPERATURE ELEMENT	C071A	CB	288	DW	Y	NA	NA	MF	>40	17	
	MCC POWERS										A	N
2HVC*TE8B				288							17	
											A	N
2HVC*TE21A				310							19	
											A	N
2HVC*TE21B				310							19	
											A	N
2HVC*TE32A				311							19	
											A	N
2HVC*TE32B				311							19	
											A	N
2HVC*TE33A				289	Y						19	
											A	N
2HVC*TE33B				293	DW					V	18	
											A	N
2HVC*TE34A				306	DM					40	18	
											A	N
2HVC*TE34B				306						40	18	
											A	N
2HVC*TE37A				288		Y	NA	NA	MF	40	17	
											A	N
2HVC*TE37B	TEMPERATURE ELEMENT	C071A	V	288	V	Y	NA	NA	MF	40	17	
	MCC POWERS										A	N



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MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID EQUIPMENT SPEC NO. BLDG ELEV HTG SEIS HYDR ANLYS TEST LOHEST STATUS QUAL INST

2HVC*TE38A	TEMPERATURE ELEMENT MCC POWERS	C071A	CB	261	DW	Y	NA	NA	MF	>40	16	A	N
2HVC*TE38B				261	DW					>40	16	A	N
2HVC*TE49A				288	DM					>40	17	A	N
2HVC*TE49B				306						>40	18	A	N
2HVC*TE111				306						>40	18	A	N
2HVC*TE155			ASB	241						>40	5	A	N
2HVC*TE165			ETS	250						>40	21	A	N
2HVC*TE174			CB	237						>40	15	A	N
2HVC*TE19B	TEMPERATURE ELEMENT MCC POWERS		CB	237	DM						15	A	N
2HVC*TI522A	TEMPERATURE SWITCH MCC POWERS		CB	306	DW						17	A	N
2HVC*TI522B	TEMPERATURE SWITCH MCC POWERS		CB	306	DW						17	A	N
2HVC*TI529A	TEMPERATURE SWITCH MCC POWERS	C071A	CB	274	DW	Y	NA	NA	MF	>40	17	A	N



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MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

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EQUIP. ID EQUIPMENT LOCATION LOADS QUAL METH NAT FREQ RRS REF
DESCRIPTION SPEC NO. BLDG ELEV HTG SEIS HYDR ANALYS TEST LOWEST STATUS
MANUFACTURER QUAL INST

2HVC*TI529B	TEMPERATURE SWITCH MCC POWERS	COTIA	CB	284	DW	Y	NA	NA	MF	>40	17 A	N
2HVP*FS8A	FLOW ACTUATED SWITCHES MCC POWERS		DG	272	DM					>32	17 A	Y
2HVP*FS8B			DG	272							17 A	Y
2HVP*FS8C			DG	272							17 A	Y
2HVP*FS8D			DG	272							17 A	Y
2HVP*FS9A			DG	272	Y						17 A	Y
2HVP*FS9B	FLOW ACTUATED SWITCHES MCC POWERS		DG	272	DM					>32	17 A	Y
2HVP*TE10A	TEMPERATURE ELEMENT MCC POWERS		DG	261	DW					>40	17 A	Y
2HVP*TE10B			DG	261						>40	17 A	Y
2HVP*TE11A			DG	261						>40	17 A	Y
2HVP*TE11B			DG	261	Y	Y	Y	Y	Y	>40	17 A	Y
2HVP*TE103	TEMPERATURE ELEMENT MCC POWERS	COTIA	DG	261	DW	Y	NA	NA	MF	>40	17 A	Y



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NSSS SUPPLIER: GENERAL ELECTRIC

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EQUIP. ID DESCRIPTION EQUIPMENT SPEC NO. LOCATION LOADS QUAL METH NAT FREQ RRS REF STATUS INST
MANUFACTURER BLDG ELEV MTG SEIS HYDR ANALYS TEST LOWEST QUAL INST

2HVP*TE107	TEMPERATURE ELEMENT	COTIA	DG	261	DW	Y	NA	NA	MF	>40	17	
	MCC POWERS										A	Y
- - - -	TEMPERATURE SWITCHES										17	
2HVP*TIS13A	MCC POWERS		DG	261						>32	A	Y
	↓										17	
2HVP*TIS13B			DG	261	↓					>32	A	Y
	TEMPERATURE SWITCHES										16	
2HVP*TIS120	MCC POWERS		DG	261	DW					>40	A	N
	FLOW ELEMENT										59	
2HVR*FE18A	MCC POWERS		RB	289	DM					>32	A	N
											59	
2HVR*FE18B			RB	289							A	N
											59	
2HVR*FE18C			RB	289							A	N
											59	
2HVR*FE18D			RB	289							A	N
											57	
2HVR*FE36A			RB	353							A	N
											57	
2HVR*FE36B			RB	353							A	N
											59	
2HVR*FE37A		↓	RB	289	↓	↓	↓	↓	↓		A	N
	FLOW ELEMENT										59	
2HVR*FE37B	MCC POWERS	COTIA	RB	289	DM	Y	NA	NA	MF	↓	A	N



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MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID EQUIPMENT SPEC NO. LOCATION LOADS QUAL METH NAT FREQ RRS REF
DESCRIPTION MANUFACTURER BLOG ELEV HTG SEIS HYDR ANALYS TEST LOHEST STATUS
QUAL INST

2HVR*FS18A	FLOW ACTUATED SWITCH MCC POWERS	COT/A	RB	289	DM	Y	NA	NA	MF	>32	59 A N
2HVR*FS18B			RB	289							59 A N
2HVR*FS18C			RB	289							59 A N
2HVR*FS18D			RB	289							59 A N
2HVR*FS36A			ETN	353							57 A N
2HVR*FS36B			ETS	353							59 A N
2HVR*FS37A			ETN	289	↓					↓	57 A N
2HVR*FS37B	FLOW ACTUATED SWITCH MCC POWERS		ETS	289	DM					>32	57 A N
2HVR*TS16A	TEMPERATURE SWITCH MCC POWERS		ABS	240	DW					>40	61 A N
2HVR*TS16B			ABS	240							61 A N
2HVR*TS19A			ABN	240	↓	↓	↓	↓	↓	↓	61 A N
2HVR*TS19B	TEMPERATURE SWITCH MCC POWERS	COT/A	ABN	240	DW	Y	NA	NA	MF	↓	61 A N



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NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID -----EQUIPMENT----- --LOCATION-- --LOADS-- --QUAL METH-- --NAT FREQ-- --RRS REF--
DESCRIPTION SPEC NO. BLDG ELEV HTG SEIS HYDR ANALYS TEST LOHEST --STATUS--
MANUFACTURER QUAL INST

2HVR*TIS22A	TEMPERATURE SWITCH MCC POWERS	COTIA	ABN	175	DW	Y	NA	NA	MF	>40	64 A N
2HVR*TIS22B			ABN	175							64 A N
2HVR*TIS23A			ABN	175							64 A N
2HVR*TIS23B			ABS	175							64 A N
2HVR*TIS23C			ABS	175							64 A N
2HVR*TIS23D			ABN	175							64 A N
2HVR*TIS23E			ABS	175							64 A N
2HVR*TIS23F			ABS	175							64 A N
2HVR*TIS24A			RB	175							64 A N
2HVR*TIS24B			RB	175							64 A N
2HVR*TIS25A			RB	175	Y	Y	Y	Y	Y	Y	64 A N
2HVR*TIS25B	TEMPERATURE SWITCH MCC POWERS	COTIA	RB	175	DW	Y	NA	NA	MF	Y	64 A N



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DESCRIPTION SPEC NO. BLOG ELEV HTG SEIS HYDR ANALYS TEST LOWEST STATUS
MANUFACTURER QUAL INST

2HVR*TIS25C	TEMPERATURE SWITCH MCC POWERS	COTIA	RB	175	DW	Y	NA	NA	MF	>40	64 A N
2HVR*TIS25D			RB	175							64 A N
2HVR*TIS26A			RB	215							62 A N
2HVR*TIS26B			RB	215							62 A N
2HVR*TIS26C			RB	215							62 A N
2HVR*TIS26D			RB	215							62 A N
2HVR*TIS26E			RB	215							62 A N
2HVR*TIS27A			RB	240							61 A N
2HVR*TIS27B			RB	240							61 A N
2HVR*TIS27C			RB	240							61 A N
2HVR*TIS28A			RB	261							60 A N
2HVR*TIS28B	TEMPERATURE SWITCH MCC POWERS	COTIA	RB	261	DW	Y	NA	NA	MF		60 A N



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EQUIP. ID EQUIPMENT LOCATION LOADS QUAL METH NAT FREQ RRS REF
DESCRIPTION SPEC NO. BLDG ELEV HTG SEIS HYD ANLYS TEST LOWEST STATUS
MANUFACTURER QUAL INST

2HVR*71528C	TEMPERATURE SWITCH MCC POWERS	COTIA	RB	261	DW	Y	NA	NA	MF	>40	60 A N
2HVR*71530A			RB	175	DW						64 A N
2HVR*71530B			RB	175	DW						64 A N
2HVR*71531A			RB	289	DM						59 A N
2HVR*71531B			RB	289	DM						59 A N
2HVR*71535A			RB	261	DW						60 A N
2HVR*71535B			RB	261							60 A N
2HVR*71538A			SG	261							3 A N
2HVR*71538B			SG	261							3 A N
2HVR*715115			ABS	196							63 A N
2HVR*715116			ABN	196							63 A N
2HVR*71533A	TEMPERATURE SWITCH MCC POWERS	COTIA	SB	224	DW	Y	NA	NA	MF		5 A Y



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ENGINEER: STONE & HEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID -----EQUIPMENT----- ---LOCATION--- --LOADS--- -QUAL METH- -NAT FREQ- ----RRS REF----
DESCRIPTION SPEC NO. BLOG ELEV HTG SEIS HYDR ANALYS TEST LOHEST ---STATUS---
MANUFACTURER QUAL INST

ZHVY*TI533B	TEMPERATURE SWITCH	C071A	SB	224	DW	Y	NA	NA	MF	>40	5	
	MCC POWERS										A	N
ZHVY*TI533C	TEMPERATURE SWITCH	C071A	SB	224	DW	Y	NA	NA	MF	>40	5	
	MCC POWERS										A	Y
ZHVY*TI533D	TEMPERATURE SWITCH	C071A	SB	224	DW	Y	NA	NA	MF	>40	5	
	MCC POWERS										A	Y



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ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID -----EQUIPMENT----- ---LOCATION--- ---LOADS--- -QUAL METH- -NAT FREQ- -----RRS REF-----
DESCRIPTION SPEC NO. BLDG ELEV HTG SEIS HYDR ANALYS TEST LOWEST ---STATUS---
MANUFACTURER QUAL INST

2CEC*PNL B28	RACK																	17		
	FOXBORO																	A		Y
2CEC*PNL B29																		17		
																		A		Y
2CEC*PNL B30																		17		
																		A		Y
2CES*PNL B31																		17		
																		A		Y
2CEC*PNL B83																		17		
																		A		Y
2CEC*PNL B90																		17		
																		A		Y
2CEC*PNL B91																		17		
																		A		Y
2CEC*PNL B94																		17		
																		A		Y
2CEC*PNL B95																		17		
																		A		Y
2CEC*PNL B96																		17		
																		A		Y
2CEC*PNL B97																		17		
																		A		Y



JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID EQUIPMENT SPEC NO. LOCATION LOADS QUAL METH- NAT FREQ- RRS REF-
DESCRIPTION BLDG ELEV MTG SEIS HYDR ANALYS TEST LOWEST STATUS-
MANUFACTURER QUAL INST

2CCP*PSLX90A	RELAY FOXBORO	C071L	CB	288	RM	Y	NA	NA	MF	NA	17	A	Y
2CCP*PSLX90B											17	A	Y
2CMS*ASHX6A											17	A	Y
2CMS*ASHX6B											17	A	Y
2CMS*ASHX71A											17	A	Y
2CMS*ASHX71B											17	A	Y
2CMS*PSHX1A											17	A	Y
2CMS*PSHX1B	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	17	A	Y



JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK-

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT

MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & HEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID	DESCRIPTION	SPEC NO.	BLDG	ELEV	HTG	SEIS	HYDR	ANLYS	TEST	LOHEST	STATUS	QUAL INST

[illegible]



JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT

MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

[illegible]

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[illegible]



JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID EQUIPMENT LOCATION LOADS QUAL METH NAT FREQ RRS REF
DESCRIPTION SPEC NO. BLDG ELEV HTG SEIS HYDR ANALYS TEST LOHEST STATUS
MANUFACTURER QUAL INST

2CMS*TSHX55B	RELAY FOXBORO	COTIL	CB	288	RM	Y	NA	NA	MF	NA	17	A	Y
2CMS*TSHX56A											17	A	Y
2CMS*TSHX56B											17	A	Y
2CMS*TSHX57A											17	A	Y
2CMS*TSHX57B											17	A	Y

JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID EQUIPMENT LOCATION LOADS QUAL METH NAT FREQ RRS REF
DESCRIPTION SPEC NO. BLDG ELEV HTG SEIS HYD ANALYS TEST LOHEST STATUS
MANUFACTURER QUAL INST

2CMS*TSHX5BA	RELAY	COTIL	CB	288	RM	Y	NA	NA	MF	NA	17	
	FOXBORO										A	Y
2CMS*TSHX5BB											17	
											A	Y
2CMS*TSHZ135											17	
											A	Y
2CMS*TSHZ145											17	
											A	Y
2CMS*TSHZ151											17	
											A	Y
2CMS*TSHZ153											17	
											A	Y



JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & HEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID EQUIPMENT SPEC NO. LOCATION LOADS QUAL METH NAT FREQ RRS REF STATUS QUAL INST

2GTS*FSLX10A	RELAY FOXBORO	COTIL	CB	288	RM	Y	NA	NA	MF	NA	17	A	Y
2GTS*FSLX10B											17	A	Y
2GTS*PDSHX5A											17	A	Y
2GTS*PDSHX5B											17	A	Y
2GTS*PD6X21A											17	A	Y
2GTS*PDSX21B											17	A	Y
2GTS*PD6L5A											17	A	Y
2GTS*PD6L5B											17	A	Y
2GTS*TD6X17A											17	A	Y
2GTS*TD6X17B	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	17	A	Y



JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID EQUIPMENT LOCATION LOADS QUAL METH NAT FREQ RRS REF
DESCRIPTION SPEC NO. BLDG ELEV HTG SEIS HYDR ANALYS TEST LOHEST STATUS
MANUFACTURER QUAL INST

2HCS*FSLX21A	RELAY FOXBORO	COTI.L	CB	288	RM	Y	NA	NA	MF	N.A	17 A	Y
2HCS*FSLX21B											17 A	Y
2HCS*PSHX19A											17 A	Y
2HCS*PSHX19B											17 A	Y
2HCS*TSHX13A											17 A	Y
2HCS*TSHX13B											17 A	Y
2HCS*TSHX14A											17 A	Y
2HCS*TSHX14B											17 A	Y
2HCS*TSHX15A											17 A	Y
2HCS*TSHX15B											17 A	Y
2HCS*TSHX16A											17 A	Y



JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & HEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID DESCRIPTION EQUIPMENT SPEC NO. LOCATION BLDG ELEV HTG SEIS HYD ANLYS TEST NAT FREQ LOHEST RRS REF STATUS QUAL INST

2HCS*TSHX16B	RELAY FOXBORO	C 071/L	CB	288	RM	Y	NA	NA	MF	NA	17	A	Y
2HCS*TSHX17A											17	A	Y
2HCS*TSHX17B											17	A	Y
2HCS*TSHX18A											17	A	Y
2HCS*TSHX18B											17	A	Y
2HCS*TSHX20A											17	A	Y
2HCS*TSHX20B											17	A	Y
2HCS*TSHY16A											17	A	Y
2HCS*TSHY16B											17	A	Y
2HCS*TSHY17A											17	A	Y
2HCS*TSHY17B											17	A	Y



JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & HEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID EQUIPMENT SPEC NO. LOCATION LOADS QUAL METH NAT FREQ RRS REF STATUS QUAL INST

2HCS*TSXLX20A	RELAY FOX BORO	COTIL	CB	288	RM	Y	NA	NA	MF	NA	17	A	Y
2HCS*TSXLX20B											17	A	Y
2HVC*PDSX50A											17	A	Y
2HVC*PDSX50B											17	A	Y
2HVC*TDSX41A											17	A	Y
2HVC*TDSX41B											17	A	Y
2HVC*TDSX49A											17	A	Y
2HVC*TDSX49B											17	A	Y
2HVC*TSHW34A											17	A	Y
2HVC*TSHW34B											17	A	Y
2HVC*TSHW39A											17	A	Y



JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & HEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID EQUIPMENT SPEC NO. LOCATION LOADS QUAL METH NAT FREQ RRS REF STATUS
DESCRIPTION MANUFACTURER BLDG ELEV HTG SEIS HYDR ANALYS TEST LOHEST QUAL INST

2HVC*TSWN37B	RELAY	COTIL	CB	288	RM	Y	NA	NA	MF	N.A	17	A	Y
	FOXBORO												
2HVC*TSHX38A											17	A	Y
2HVC*TSHX38B											17	A	Y
2HVC*TSHX111											17	A	Y
2HVC*TSHX155											17	A	Y
2HVC*TSHX165											17	A	Y
2HVC*TSHX174											17	A	Y
2HVC*TSHX198											17	A	Y
2HVC*TSHY38A											17	A	Y
2HVC*TSHY38B											17	A	Y
2HVC*TSHY111											17	A	Y



JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & HEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID EQUIPMENT SPEC NO. LOCATION LOADS QUAL METH NAT FREQ RRS REF
DESCRIPTION MANUFACTURER BLDG ELEV HTG SEIS HYDR ANALYS TEST LOWEST STATUS QUAL INST

2HVC*TSHY155	RELAY FOXBORO	COTIL	CB	288	RM	Y	NA	NA	MF	NA	17	A	Y
2HVC*TSHY165											17	A	Y
2HVC*TSHY174											17	A	Y
2HVC*TSHY198											17	A	Y
2HVC*TSHE34A											17	A	Y
2HVC*TSHE34B											17	A	Y
2HVC*TSHE37A											17	A	Y
2HVC*TSHE37B											17	A	Y
2HVC*TSXL38A											17	A	Y
2HVC*TSXL38B											17	A	Y
2HVC*TSXL111											17	A	Y



JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID EQUIPMENT LOCATION LOADS QUAL METH NAT FREQ RRS REF
DESCRIPTION SPEC NO. BLDG ELEV HTG SEIS HYDR ANALYS TEST LOWEST STATUS
MANUFACTURER QUAL INST

2HVC*TSX155	RELAY FOXBORO	C071L	CB	288	RM	Y	NA	NA	MF	NA	17	A	Y
2HVC*TSX165											17	A	Y
2HVC*TSX174											17	A	Y
2HVC*TSX198											17	A	Y
2HVC*TSX34A											17	A	Y
2HVC*TSX34B											17	A	Y
2HVC*TSX37A											17	A	Y
2HVC*TSX37B											17	A	Y
2HVK*FSLX15A											17	A	Y
2HVK*FSLX15B											17	A	Y



JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT

MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID	-----EQUIPMENT-----		---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-		----RRS REF----	
	DESCRIPTION	SPEC NO.	BLDG	ELEV	HTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---	STATUS---
	MANUFACTURER											QUAL INST
=====												

[illegible]



JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT

MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & HEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

[illegible]

[illegible]



SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT

MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & NEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID	-----EQUIPMENT-----		---LOCATION---		---LOADS---		QUAL METH-	NAT FREQ-	----RRS REF----	
	DESCRIPTION	SPEC NO.	BLDG	ELEV HTG	SEIS	HYDR	ANLYS TEST	LOWEST	---STATUS---	
	MANUFACTURER									QUAL INST

[illegible]



JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & HEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID DESCRIPTION EQUIPMENT SPEC NO. LOCATION BLDG ELEV HTG SEIS HYDR ANALYS TEST NAT FREQ RRS REF
MANUFACTURER LOWEST STATUS
QUAL INST

25FC*FSLX36A	RELAY FOXBORO	C07/L	CB	288	RM	Y	NA	NA	MF	NA	17	A	Y
25FC*FSLX36B											17	A	Y
25FC*FSLX58A											17	A	Y
25FC*FSLX58B											17	A	Y
25FC*FSLY58A											17	A	Y
25FC*FSLY58B											17	A	Y
25FC*LSLX32A											17	A	Y
25FC*LSLX32B											17	A	Y
25FC*PSLX3A											17	A	Y
25FC*PSLX3B											17	A	Y
25FC*PSLX30A											17	A	Y
25FC*PSLX30B											17	A	Y



ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

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[illegible]

JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & NEBSTER
HSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID DESCRIPTION EQUIPMENT SPEC NO. LOCATION BLDG ELEV HTG SEIS HYDR ANALYS TEST QUAL HETH- NAT FREQ- RRS REF-
MANUFACTURER LOWEST STATUS-
QUAL INST

2SWP*FSLX29A	RELAY FOX BORO	C071L	CB	288	RM	Y	NA	NA	MF	NA	17	A	Y
2SWP*FSLX29B											17	A	Y
2SWP*FSLX76A											17	A	Y
2SWP*FSLX76B											17	A	Y
2SWP*FSLX96A											17	A	Y
2SWP*FSLX96B											17	A	Y
2SWP*FSLX96C											17	A	Y
2SWP*FSLX96D											17	A	Y
2SWP*FSLX96E											17	A	Y
2SWP*FSLX96F											17	A	Y
2SWP*FSLX523											17	A	Y



JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT

MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID	EQUIPMENT		LOCATION		LOADS		QUAL	METH	NAT	FREQ	RRS	REF
	DESCRIPTION	SPEC NO.	BLDG	ELEV	HTG	SEIS	HYDR	ANLYS	TEST	LOWEST	STATUS	QUAL
	MANUFACTURER											INST
=====												

[illegible]

JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & HEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID DESCRIPTION EQUIPMENT SPEC NO. LOCATION LOADS QUAL METH NAT FREQ RRS REF STATUS QUAL INST

25WP*PSLX79A	RELAY FOXBORO	COTIL	CB	2BB	RM	Y	NA	NA	MF	N	A	17 A	Y
25WP*PSLX79B												17 A	Y
25WP*PSLX95A												17 A	Y
25WP*PSLX95B												17 A	Y
25WP*PSLX139A												17 A	Y
25WP*PSLX139B												17 A	Y
25WP*PSLX140A												17 A	Y
25WP*PSLX140B												17 A	Y
25WP*PSLX142A												17 A	Y
25WP*PSLX142B												17 A	Y



JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT

MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & HEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID	EQUIPMENT		LOCATION		LOADS		QUAL	HETH	NAT FREQ	RRS REF
	DESCRIPTION	SPEC NO.	BLDG	ELEV HTG	SEIS	HYDR	ANLYS	TEST	LOHEST	STATUS
	MANUFACTURER									QUAL INST
=====										

[illegible]



JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & HEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID EQUIPMENT SPEC NO. LOCATION LOADS QUAL METH NAT FREQ RRS REF STATUS QUAL INST

2SWP*FYW 523	SIGNAL DISTRIBUTION		C07/L	CB	288	RM	Y	NA	NA	MF	N A	17	
	FOXBORO											A	Y
2CMS*TY131	SIGNAL SELECTOR		C07/L	CB	288	RM	Y	NA	NA	MF	N A	17	
	FOXBORO											A	Y
2CMS*TY132												17	
												A	Y
2CMS*TY133												17	
												A	Y
2CMS*TY134												17	
												A	Y
2CMS*TY135												17	
												A	Y
2CMS*TY136												17	
												A	Y
2CMS*TY141												17	
												A	Y
2CMS*TY142												17	
												A	Y
2CMS*TY143												17	
												A	Y



JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & HEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID DESCRIPTION EQUIPMENT SPEC NO. ---LOCATION--- ---LOADS--- -QUAL METH- -NAT FREQ- ---RRS REF---
MANUFACTURER BLDG ELEV HTG SEIS HYDR ANALYS TEST LOWEST ---STATUS---
QUAL INST

2CMS*TY144	SIGNAL SELECTOR FOXBORO	C071L	CB	288	RM	Y	NA	NA	MF	NA	17	A	Y
2CMS*TY145											17	A	Y
2CMS*TY146											17	A	Y
2CMS*TY151											17	A	Y
2CMS*TY152											17	A	Y
2CMS*TY153											17	A	Y
2CMS*TY154											17	A	Y
2HVC*TTY8A											17	A	Y
2HVC*TTY8B											17	A	Y
2HVC*TTY21A											17	A	Y
2HVC*TTY21B											17	A	Y



JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID EQUIPMENT LOCATION LOADS QUAL METH NAT FREQ RRS REF
DESCRIPTION SPEC NO. BLDG ELEV HTG SEIS HYDR ANALYS TEST LOWEST STATUS
MANUFACTURER QUAL INST

2CMS*TTX50A	RTD CONVERTER FOXBORO	C071L	CB	288	RM	Y	NA	NA	MF	N.A	17	A	Y
2CMS*TTX50B											17	A	Y
2CMS*TTX50C											17	A	Y
2CMS*TTX50D											17	A	Y
2CMS*TTX51A											17	A	Y
2CMS*TTX51B											17	A	Y
2CMS*TTX51C											17	A	Y
2CMS*TTX51D											17	A	Y
2CMS*TTX52A											17	A	Y
2CMS*TTX52B											17	A	Y
2CMS*TTX52C											17	A	Y
2CMS*TTX52D											17	A	Y



JOB NAME NMP- UNIT 2
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SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & HEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID EQUIPMENT SPEC NO. LOCATION LOADS QUAL MTH NAT FREQ RRS REF
DESCRIPTION MANUFACTURER BLDG ELEV HTG SEIS HYDR ANALYS TEST LOWEST STATUS
QUAL INST

2CMS*TTX53A	RTD CONVERTER FOXBORO	COTIL	CB	288	RM	Y	NA	NA	MF	NA	17	A	Y
2CMS*TTX53B											17	A	Y
2CMS*TTX53C											17	A	Y
2CMS*TTX53D											17	A	Y
2CMS*TTX54A											17	A	Y
2CMS*TTX54B											17	A	Y
2CMS*TTX54C											17	A	Y
2CMS*TTX54D											17	A	Y
2CMS*TTX55A											17	A	Y
2CMS*TTX55B											17	A	Y
2CMS*TTX55C											17	A	Y
2CMS*TTX55D											17	A	Y



JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & HEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID -----EQUIPMENT----- ---LOCATION--- ---LOADS--- -QUAL METH- -NAT FREQ- ---RRS REF---
DESCRIPTION SPEC NO. BLDG ELEV HTG SEIS HYDR ANALYS TEST LOHEST ---STATUS---
MANUFACTURER QUAL INST

2CMS*TTX56A	RTD CONVERTER FOXBORO	C07/L	CB	288	RM	Y	NA	NA	MF	N.A	17 A	Y
2CMS*TTX56B											17 A	Y
2CMS*TTX56C											17 A	Y
2CMS*TTX56D											17 A	Y
2CMS*TTX57A											17 A	Y
2CMS*TTX57B											17 A	Y
2CMS*TTX57C											17 A	Y
2CMS*TTX57D											17 A	Y
2CMS*TTX58A											17 A	Y
2CMS*TTX58B											17 A	Y
2CMS*TTX58C											17 A	Y
2CMS*TTX58D											17 A	Y



JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & HEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID -----EQUIPMENT----- --LOCATION-- --LOADS-- --QUAL METH-- --NAT FREQ-- --RRS REF--
DESCRIPTION SPEC NO. BLDG ELEV HTG SEIS HYDR ANALYS TEST LOWEST --STATUS--
MANUFACTURER QUAL INST

2CMS*TTX59A	RTD CONVERTER FOXBORO	C 071L	CB	288	RM	Y	NA	NA	MF	N/A	17	A	Y
2CMS*TTX59B											17	A	Y
2CMS*TTX59C											17	A	Y
2CMS*TTX59D											17	A	Y
2CMS*TT67A											17	A	Y
2CMS*TT67B											17	A	Y
2CMS*TT68A											17	A	Y
2CMS*TT68B											17	A	Y
2CMS*TT69A											17	A	Y
2CMS*TT69B											17	A	Y
2CMS*TT70A											17	A	Y
2CMS*TT70B											17	A	Y



JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID DESCRIPTION EQUIPMENT SPEC NO. LOCATION LOADS QUAL METH NAT FREQ RRS REF STATUS INST
MANUFACTURER BLDG ELEV HTG SEIS HYDR ANALYS TEST LOHEST QUAL INST

2CMS*TTX101	RTD CONVERTER FOXBORO	C071L	CB	288	RM	Y	NA	NA	MF	NA	17	A	Y
2CMS*TTX102											17	A	Y
2CMS*TTX103											17	A	Y
2CMS*TTX104											17	A	Y
2CMS*TTX105											17	A	Y
2CMS*TTX106											17	A	Y
2CMS*TTX107											17	A	Y
2CMS*TTX108											17	A	Y
2CMS*TTX109	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	17	A	Y



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ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID EQUIPMENT LOCATION LOADS QUAL METH NAT FREQ RRS REF STATUS QUAL INST

DESCRIPTION SPEC NO. BLOG ELEV HTG SEIS HYDR ANALYS TEST LOWEST

MANUFACTURER

2CMS*TTX116	RTD CONVERTER FOXBORO	C071L	CB	288	RM	Y	NA	NA	MF	NA	17	A	Y
2CMS*TTX117											17	A	Y
2CMS*TTX118											17	A	Y
2CMS*TTX119											17	A	Y
2CMS*TTX120											17	A	Y
2CMS*TTX121											17	A	Y
2CMS*TTX122											17	A	Y
2CMS*TTX123											17	A	Y
2CMS*TTX124											17	A	Y



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NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID EQUIPMENT LOCATION LOADS QUAL METH NAT FREQ RRS REF
DESCRIPTION SPEC NO. BLDG ELEV HTG SEIS HYDR ANLYS TEST LOWEST STATUS
MANUFACTURER QUAL INST

2CMS*TTY101	RTD CONVERTER FOXBORO	COTIL	CB	288	RM	Y	NA	NA	MF	NA	17	A	Y
2CMS*TTY102											17	A	Y
2CMS*TTY103											17	A	Y
2CMS*TTY104											17	A	Y
2CMS*TTY105											17	A	Y
2CMS*TTY106											17	A	Y
2CMS*TTY107											17	A	Y
2CMS*TTY108											17	A	Y
2CMS*TTY109											17	A	Y



JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
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ENGINEER: STONE & HEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID -----EQUIPMENT----- ---LOCATION--- ---LOADS--- ---QUAL METH--- ---NAT FREQ--- ---RRS REF---
DESCRIPTION SPEC NO. BLDG ELEV HTG SEIS HYDR ANALYS TEST LOWEST ---STATUS---
MANUFACTURER QUAL INST

2CMS*TTY116	RTD CONVERTER FOXBORD	C071L	CB	288	RM	Y	NA	NA	MF	N.A	17 A	Y
2CMS*TTY117											17 A	Y
2CMS*TTY118											17 A	Y
2CMS*TTY119											17 A	Y
2CMS*TTY120											17 A	Y
2CMS*TTY121											17 A	Y
2CMS*TTY122											17 A	Y
2CMS*TTY123											17 A	Y
2CMS*TTY124											17 A	Y



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SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
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ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID EQUIPMENT LOCATION LOADS QUAL METH NAT FREQ RRS REF
DESCRIPTION SPEC NO. BLDG ELEV HTG SEIS HYDR ANALYS TEST LOWEST STATUS
MANUFACTURER QUAL INST

2GTS*TTX26A	RTD CONVERTER FOXBORO	C071L	CB	288	RM	Y	NA	NA	MF	N.A	17 A	Y
2GTS*TTX26B											17 A	Y
2GTS*TTY26A											17 A	Y
2GTS*TTY26B											17 A	Y

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SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
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ENGINEER: STONE & WEBSTER
NCS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID -----EQUIPMENT----- ---LOCATION--- ---LOADS--- -QUAL METH- -NAT FREQ- ---RRS REF---
DESCRIPTION SPEC NO. BLDG ELEV HTG SEIS HYDR ANALYS TEST LOHEST ---STATUS---
MANUFACTURER QUAL INST

2HVC*TT8A	RTD CONVERTERS	COTIL	CB	28B	RM	Y	NA	NA	MF	NA	17	A	Y
	FOXBORO												
2HVC*TT8B											17	A	Y
2HVC*TT21A											17	A	Y
2HVC*TT21B											17	A	Y
2HVC*TT32A											17	A	Y
2HVC*TT32B											17	A	Y
2HVC*TT33A											17	A	Y
2HVC*TT33B											17	A	Y
2HVC*TT34A											17	A	Y



JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
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ENGINEER: STONE & HEBSTER
NASS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID EQUIPMENT SPEC NO. LOCATION LOADS QUAL METH NAT FREQ RRS REF STATUS QUAL INST

DESCRIPTION MANUFACTURER BLDG ELEV HTG SEIS HYDR ANALYS TEST LOWEST

2HVC*TT34B	RTD CONVERTER FOXBORO	C071L	CB	2BB	RM	Y	NA	NA	MF	N.A	17	A	Y
2HVC*TT37A											17	A	Y
2HVC*TT37B											17	A	Y
2HVC*TT38A											17	A	Y
2HVC*TT38B											17	A	Y
2HVC*TT41A											17	A	Y
2HVC*TT41B											17	A	Y
2HVC*TT42A											17	A	Y
2HVC*TT42B											17	A	Y
2HVC*TT49A											17	A	Y
2HVC*TT49B											17	A	Y



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SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT

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ENGINEER: STONE & HEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID	DESCRIPTION MANUFACTURER	SPEC NO.	BLDG	ELEV	HTG	SEIS	HYDR	ANLYS	TEST	NAT FREQ- LOWEST	RRS REF- ---STATUS---	QUAL INST
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[illegible]



JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & HEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID EQUIPMENT SPEC NO. LOCATION LOADS QUAL METH NAT FREQ RRS REF
DESCRIPTION MANUFACTURER BLDG ELEV HTG SEIS HYDR ANALYS TEST LOHEST STATUS
QUAL INST

2HVP*TT10A	RTD CONVERTER	COTIL	CB	288	RM	Y	NA	NA	MF	NA	17	
	FOXBORO										A	Y
2HVP*TT10B											17	
											A	Y
2HVP*TT11A											17	
											A	Y
2HVP*TT11B											17	
											A	Y
2HVP*TT103											17	
											A	Y
2HVP*TT107											17	
											A	Y



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UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
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ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID EQUIPMENT LOCATION LOADS QUAL METH NAT FREQ RRS REF
DESCRIPTION SPEC NO. BLDG ELEV HTG SEIS HYDR ANALYS TEST LOWEST STATUS
MANUFACTURER QUAL INST

2SWP*TT31A	RTD CONVERTER FOXBORO	C071L	CB	288	RM	Y	NA	NA	MF	N/A	17 A	Y
2SWP*TT31B											17 A	Y
2SWP*TT35A											17 A	Y
2SWP*TT35B											17 A	Y
2SWP*TT64A											17 A	Y
2SWP*TT64B											17 A	Y
2SWP*TT65A											17 A	Y
2SWP*TT65B											17 A	Y
2SWP*TT91A											17 A	Y
2SWP*TT91B											17 A	Y



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NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID EQUIPMENT SPEC NO. LOCATION LOADS QUAL METH NAT FREQ RRS REF STATUS QUAL INST

DESCRIPTION MANUFACTURER BLDG ELEV HTG SEIS HYDR ANALYS TEST LOWEST

2HVP*HC11A	DUAL VOLTAGE SOURCE	C 07/L	CB	2BB	RM	Y	NA	NA	MF	N A	17	
	FOXBORO										A	Y
2HVP*HC11B											17	
											A	Y
2HVP*HC103											17	
											A	Y



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MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & HEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID	-----EQUIPMENT-----		---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-		----RRS REF----																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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NIAGARA MOHAWK

MASTER LIST OF SAFETY RELATED EQUIPMENT

NSSS SUPPLIER: GENERAL ELECTRIC

---STATUS---
QUAL INST

[illegible]



JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT

MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & HEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID	-----EQUIPMENT-----		---LOCATION----		---LOADS---		-QUAL METH-		-NAT FREQ-		----RRS REF----	
	DESCRIPTION	SPEC NO.	BLDG	ELEV	HTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---	STATUS---
	MANUFACTURER											QUAL INST
=====												

[illegible]



JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISHIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & HEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID EQUIPMENT SPEC NO. LOCATION LOADS QUAL METH NAT FREQ RRS REF
DESCRIPTION MANUFACTURER BLOG ELEV HTG SEIS HYDR ANALYS TEST LOHEST STATUS QUAL INST

2GTS*TD5L17A	A/D CONVERTER FOX BORO	C071L	CB	288	RM	Y	NA	NA	MF	NA	17	A	Y
2GTS*TD5L17B											17	A	Y
2HVC*TD5L41A											17	A	Y
2HVC*TD5L41B											17	A	Y
2HVC*TD5H49A											17	A	Y
2HVC*TD5H49B											17	A	Y
25WP*FYW534											17	A	Y



JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID -----EQUIPMENT----- ---LOCATION--- ---LOADS--- -QUAL METH- -NAT FREQ- ---RRS REF---
DESCRIPTION SPEC NO. BLDG ELEV HTG SEIS HYDR ANALYS TEST LOWEST ---STATUS---
MANUFACTURER QUAL INST

2CEC*PWR5828	POWER SUPPLY FOXBORO	COTIL	CB	288	RM	Y	NA	NA	MF	NA	17	A	Y
2CEC*PWR5829											17	A	Y
2CEC*PWR5830											17	A	Y
2CEC*PWR5831											17	A	Y
2CEC*PWR5883											17	A	Y
2CEC*PWR5890											17	A	Y
2CEC*PWR5891											17	A	Y
2CEC*PWR5894											17	A	Y
2CEC*PWR5895											17	A	Y
2CEC*PWR5896											17	A	Y
2CEC*PWR5897											17	A	Y
2CEC*PWR5900											17	A	Y



JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & HEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID -----EQUIPMENT----- --LOCATION-- --LOADS-- --QUAL METH-- --NAT FREQ-- --RRS REF--
DESCRIPTION SPEC NO. BLDG ELEV HTG SEIS HYDR ANALYS TEST LOHEST --STATUS--
MANUFACTURER QUAL INST

2CEC*PWS 901	POWER SUPPLY	COTIL	CB	ZBB	RM	Y	NA	NA	ME	N A	17
	FOXBORO										A Y
2CEC*PWS 906											17
											A Y
2CEC*PWS 907											17
											A Y
2CEC*PWS 908											17
											A Y
2CEC*PWS 909											17
											A Y
2CEC*PWS 910											17
											A Y



JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID -----EQUIPMENT----- ---LOCATION--- ---LOADS--- -QUAL HETH- -NAT FREQ- -----RRS REF-----
DESCRIPTION SPEC NO. BLDG ELEV HTG SEIS HYDR ANALYS TEST LOWEST ---STATUS---
MANUFACTURER QUAL INST

2CCP*PWR590A	LOOP POWER SUPPLY FOXBORO	C 071L	CB	288	RM	Y	NA	NA	MF	N.A	17 A	Y
2CCP*PWR590B											17 A	Y
2CMS*PWR51A											17 A	Y
2CMS*PWR51B											17 A	Y
2CMS*PWR52A											17 A	Y
2CMS*PWR52B											17 A	Y
2CMS*PWR57A											17 A	Y
2CMS*PWR57B											17 A	Y
2CMS*PWR59A											17 A	Y
2CMS*PWR59B											17 A	Y



JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT

MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & NEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID	DESCRIPTION MANUFACTURER	SPEC NO.	BLDG	ELEV	HTG	SEIS	HYDR	ANLYS	TEST	NAT FREQ- LOHEST	RRS REF- ---STATUS--- QUAL INST
=====EQUIPMENT===== ---LOCATION--- ---LOADS--- -QUAL METH- -NAT FREQ- ----RRS REF---- -----SPEC NO.----- BLDG ELEV HTG SEIS HYDR ANLYS TEST LOHEST ---STATUS--- -----MANUFACTURER----- QUAL INST ~~~~~~											

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JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & HEBSTER
HSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID DESCRIPTION EQUIPMENT SPEC NO. LOCATION LOADS QUAL METH NAT FREQ RRS REF
MANUFACTURER BLOG ELEV HTG SEIS HYDR ANALYS TEST LOHEST STATUS QUAL INST

2HVC*PWS 50A	LOOP POWER SUPPLY FOXBORO	COTIL	CB	288	RM	Y	NA	NA	MF	N/A	17 A	Y
2HVC*PWS 50B											17 A	Y
2HVC*PWS 15A											17 A	Y
2HVC*PWS 15B											17 A	Y
2IAS*PWS 181											17 A	Y
2IAS*PWS 186											17 A	Y
2IAS*PWS 230											17 A	Y
2IAS*PWS 231											17 A	Y
2IAS*PWS 232											17 A	Y
2IAS*PWS 233											17 A	Y



JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & HEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID EQUIPMENT SPEC NO. LOCATION LOADS QUAL METH NAT FREQ RRS REF STATUS QUAL INST

DESCRIPTION MANUFACTURER BLOG ELEV HTG SEIS HYDR ANALYS TEST LOHEST

2IAS*PWS234	LOOP POWER SUPPLY FOXBORO	COTIL	CB	288	RM	Y	NA	NA	MF	N/A	17 A	Y
2IAS*PWS235											17 A	Y
2IAS*PWS236											17 A	Y
2SFC*PWS3A											17 A	Y
2SFC*PWS3B											17 A	Y
2SFC*PWS30A											17 A	Y
2SFC*PWS30B											17 A	Y
2SFC*PWS32A											17 A	Y
2SFC*PWS32B											17 A	Y
2SFC*PWS36A											17 A	Y
2SFC*PWS36B											17 A	Y



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UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT

MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & HEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

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JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & HEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID DESCRIPTION EQUIPMENT SPEC NO. LOCATION LOADS QUAL HETH NAT FREQ RRS REF
MANUFACTURER BLDG ELEV HTG SEIS HYDR ANALYS TEST LOWEST STATUS
QUAL INST

2SWP*PWR56A	LOOP POWER SUPPLY	COTIL	CB	288	RM	Y	NA	NA	MF	NA	17	A	Y
	FOX BORO												
2SWP*PWR56B											17	A	Y
2SWP*PWR56C											17	A	Y
2SWP*PWR56D											17	A	Y
2SWP*PWR56E											17	A	Y
2SWP*PWR56F											17	A	Y
2SWP*PWR529A											17	A	Y
2SWP*PWR529B											17	A	Y
2SWP*PWR566A											17	A	Y
2SWP*PWR566B											17	A	Y



JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & HEBSTER
NCS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID EQUIPMENT SPEC NO. LOCATION LOADS QUAL METH NAT FREQ RRS REF STATUS INST

DESCRIPTION MANUFACTURER BLDG ELEV HTG SEIS HYDR ANALYS TEST LOWEST QUAL INST

25WP*PWR576A	LOOP POWER SUPPLY FOXBORO	C071L	CB	2B8	RM	Y	NA	NA	MF	N/A	17	A	Y
25WP*PWR576B											17	A	Y
25WP*PWR579A											17	A	Y
25WP*PWR579B											17	A	Y
25WP*PWR595A											17	A	Y
25WP*PWR595B											17	A	Y
25WP*PWR596A											17	A	Y
25WP*PWR596B											17	A	Y
25WP*PWR596C											17	A	Y
25WP*PWR596D											17	A	Y



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ENGINEER: STONE & HEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID DESCRIPTION EQUIPMENT SPEC NO. LOCATION LOADS QUAL METH- NAT FREQ- RRS REF- STATUS-
MANUFACTURER BLDG ELEV HTG SEIS HYDR ANALYS TEST LOWEST QUAL INST

25WP*PWR596E	LOOP POWER SUPPLY FOXBORO	COTIL	CB	288	RM	Y	NA	NA	MF	N.A	17	A	Y
25WP*PWR596F											17	A	N
25WP*PWR5139A											17	A	Y
25WP*PWR5139B											17	A	Y
25WP*PWR5140A											17	A	Y
25WP*PWR5140E											17	A	Y
25WP*PWR5142A											17	A	Y
25WP*PWR5142B											17	A	Y
25WP*PWR5523											17	A	Y
25WP*PWR5533											17	A	Y



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ENGINEER: STONE & HEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID	-----EQUIPMENT-----		---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-		----RRS REF----	
	DESCRIPTION	SPEC NO.	BLOG	ELEV HTG	SEIS	HYDR	ANLYS	TEST	LOHEST	--- <th>QUAL</th> <th>INST</th>	QUAL	INST
MANUFACTURER												

[illegible]



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ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID DESCRIPTION EQUIPMENT SPEC NO. BLDG ELEV HTG SEIS HYDR ANALYS TEST NAT FREQ ---RRS REF---
MANUFACTURER QUAL INST

2HCS*TT12A	MV CONVERTER																	17		
	FOXBORO																	A		Y
2HCS*TT12B																		17		
																		A		Y
2HCS*TT13A																		17		
																		A		Y
2HCS*TT13B																		17		
																		A		Y
2HCS*TT14A																		17		
																		A		Y
2HCS*TT14B																		17		
																		A		Y
2HCS*TT15A																		17		
																		A		Y
2HCS*TT15B																		17		
																		A		Y
2HCS*TT16A																		17		
																		A		Y
2HCS*TT16B																		17		
																		A		Y



NIAGARA MOHAWK

MASTER LIST OF SAFETY RELATED EQUIPMENT

NSSS SUPPLIER: GENERAL ELECTRIC

[illegible]



JOB NAME NMP- UNIT 2
UTILITY NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT

MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & HEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID	-----EQUIPMENT-----		---LOCATION---		---LOADS---		-QUAL HETH-		-NAT FREQ-		----RRS REF----	
	DESCRIPTION	SPEC NO.	BLDG	ELEV	HTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---STATUS---	QUAL INST
MANUFACTURER												
=====												

[illegible]



JOB NAME - NMP- UNIT 2
UTILITY - NIAGARA MOHAWK

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT

MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & HEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID	-----EQUIPMENT-----		---LOCATION----		---LOADS---		-QUAL METH-		-NAT FREQ-		---RRS REF---	
	DESCRIPTION	SPEC NO.	BLDG	ELEV	HTG	SEIS	HYDR	ANLYS	TEST	LOHEST	---	STATUS---
	MANUFACTURER											QUAL INST
=====												

[illegible]



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ENGINEER: STONE & HEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID EQUIPMENT SPEC NO. LOCATION LOADS QUAL METH NAT FREQ RRS REF STATUS QUAL INST

DESCRIPTION MANUFACTURER BLDG ELEV HTG SEIS HYD ANALYS TEST LOWEST

2GTS*FYX10A		SQUARE ROOT EXTRACTOR FOXBORO		COTIL		CB		ZBB		RM		Y		NA		NA		MF		N/A		17	
																						A	Y
2GTS*FYX10B																						A	Y
2HCS*FYX21A																						A	Y
2HCS*FYX21B																						A	Y
2HVK*FY15A																						A	Y
2HVK*FY15B																						A	Y
2SFC*FYX36A																						A	Y
2SFC*FYX36B																						A	Y
2SFC*FYX58A																						A	Y
2SFC*FYX58B																						A	Y



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EQUIP. ID EQUIPMENT SPEC NO. LOCATION LOADS QUAL METH NAT FREQ RRS REF
DESCRIPTION MANUFACTURER BLDG ELEV HTG SEIS HYDR ANALYS TEST LOWEST STATUS QUAL INST

25WP*FYX29A	SQUARE ROOT EXTRACTOR FOXBORO	COTIL	CB	288	RM	Y	NA	NA	MF	N/A	17	A	Y
25WP*FYX29B											17	A	Y
25WP*FYX76A											17	A	Y
25WP*FYX76B											17	A	Y
25WP*FYX96A											17	A	Y
25WP*FYX96B											17	A	Y
25WP*FYX96C											17	A	Y
25WP*FYX96D											17	A	Y
25WP*FYX96E											17	A	Y
25WP*FYX96F											17	A	Y

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MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & HEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID	DESCRIPTION MANUFACTURER	SPEC NO.	BLDG	ELEV	HGTG	SEIS	HYDR	ANLYS	TEST	LOHEST	NAT FREQ-	RRS REF----	STATUS---	QUAL INST
=====EQUIPMENT===== ---LOCATION--- ---LOADS--- -QUAL METH- -NAT FREQ- ----RRS REF---- -----														

[illegible]



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MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & HEBSTER
HSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID DESCRIPTION EQUIPMENT SPEC NO. LOCATION LOADS QUAL HETH NAT FREQ RRS REF
MANUFACTURER BLDG ELEV HTG SEIS HYDR ANALYS TEST LOWEST STATUS
QUAL INST

2GTS*PDC 5A	CONTROLLER FOXBORO	C071E	LB	288	RM	Y	NA	NA	MF	N/A	17 A	Y
2GTS*PDC 5B											17 A	Y
2HCS*TC20A											17 A	Y
2HCS*TC20B											17 A	Y
2HVC*MC 8A											17 A	Y
2HVC*MC 8B											17 A	Y
2HVC*MC2 1A											17 A	Y
2HVC*MC2 1B											17 A	Y



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NCS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID EQUIPMENT SPEC NO. LOCATION LOADS QUAL METH NAT FREQ RRS REF
DESCRIPTION MANUFACTURER BLDG ELEV HTG SEIS HYDR ANALYS TEST LOWEST STATUS QUAL INST

2HVC*TCBA	CONTROLLER	COTIL	CB	2BB	RM	Y	NA	NA	MF	N A	17	
	FOXBORO										A	Y
2HVC*TCBB											17	
											A	Y
2HVC*TC21A											17	
											A	Y
2HVC*TC21B											17	
											A	Y
2HVC*TC32A											17	
											A	Y
2HVC*TC32B											17	
											A	Y
2HVC*TC33A											17	
											A	Y
2HVC*TC33B											17	
											A	Y



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MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & HEBSTER
NASS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID EQUIPMENT SPEC NO. LOCATION BLDG ELEV HTG SEIS HYDR ANALYS TEST NAT FREQ LOHEST RRS REF STATUS QUAL INST

25WP*TC35A	CONTROLLER FOXBORO	C071L	CB	288	RM	Y	NA	NA	MF	NA		17	A Y
25WP*TC35B		↓	↓	↓	↓	↓	↓	↓	↓	↓		17	A Y
25WP*FY523	SUMMER FOXBORO	C071L	CB	288	RM	Y	NA	NA	MF	N.A		17	A Y
25WP*FY534	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		17	A Y



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ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID EQUIPMENT SPEC NO. LOCATION LOADS QUAL METH NAT FREQ RRS REF STATUS INST
DESCRIPTION MANUFACTURER BLDG ELEV HTG SEIS HYDR ANALYS TEST LOWEST QUAL INST

2CCP*PSL90A	E/I CONVERTER FOXBORO	COTIL	CB	288	RM	Y	NA	NA	ME	NA	17	A	Y
2CCP*PSL90B											17	A	Y
2CMS*PSH1A											17	A	Y
2CMS*PSH1B											17	A	Y
2HCS*E/I 20A											17	A	Y
2HCS*E/I 20B											17	A	Y



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NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID	DESCRIPTION MANUFACTURER	SPEC NO.	BLDG	ELEV	HTG	SEIS	HYDR	ANLYS	TEST	HAT FREQ- LOWEST	RRS REF----	STATUS-- QUAL INST
*****EQUIPMENT----- ---LOCATION--- --LOADS--- -QUAL METH- -HAT FREQ- ----RRS REF----												

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MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & NEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID EQUIPMENT SPEC NO. LOCATION LOADS QUAL METH NAT FREQ RRS REF STATUS QUAL INST

DESCRIPTION MANUFACTURER BLDG ELEV HTG SEIS HYDR ANALYS TEST LOWEST

EQUIP. ID	EQUIPMENT		SPEC NO.		LOCATION		LOADS		QUAL METH		NAT FREQ		RRS REF		STATUS		QUAL INST	
	DESCRIPTION	MANUFACTURER	BLDG	ELEV	HTG	SEIS	HYDR	ANALYS	TEST	LOWEST								
2HVP*E/I 1A	E/I CONVERTER																	
	FOX BORO																	
2HVP*E/I 1B																		
2HVP*E/I 1C																		
2HVP*E/I 1D																		
2HVP*E/I 2A																		
2HVP*E/I 2B																		
2HVP*E/I 6A																		
2HVP*E/I 6B																		
2HVP*E/I 6C																		
2HVP*E/I 6D																		
2HVP*E/I 7A																		
2HVP*E/I 7B																		



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MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
NASS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID DESCRIPTION EQUIPMENT SPEC NO. LOCATION BLDG ELEV HTG SEIS HYDR ANALYS TEST QUAL METH- NAT FREQ- RRS REF-
MANUFACTURER STATUS-
QUAL INST

2CMS*ASH6A	A/D CONVERTER FOXBORO	COTIL	CB	288	RM	Y	NA	NA	MF	NA	17	A	Y
2CMS*ASH6B											17	A	Y
2CMS*ASH71A											17	A	Y
2CMS*ASH71B											17	A	Y
2CMS*TSH50A											17	A	Y
2CMS*TSH50B											17	A	Y
2CMS*TSH51A											17	A	Y
2CMS*TSH51B											17	A	Y



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EQUIP. ID	DESCRIPTION MANUFACTURER	SPEC NO.	BLDG	ELEV	HITG	SEIS	HYDR	ANLYS	TEST	LOHEST	NAT FREQ	RRS REF	STATUS	QUAL INST
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[illegible][illegible]



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MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
HSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID EQUIPMENT SPEC NO. BLDG ELEV HTG SEIS HYDR ANALYS TEST LOHEST RRS REF STATUS QUAL INST

-----LOCATION----- ---LOADS--- -QUAL METH- -HAT FREQ- -----

DESCRIPTION MANUFACTURER

2CMS*TS54A	A/D CONVERTER FOXBORO	C07/L	CB	2BB	RM	Y	NA	NA	MF	NA	17	A	Y
2CMS*TS54B											17	A	Y
2CMS*TS55A											17	A	Y
2CMS*TS55B											17	A	Y
2CMS*TS56A											17	A	Y
2CMS*TS56B											17	A	Y



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EQUIP. ID EQUIPMENT SPEC NO. LOCATION BLDG ELEV HTG SEIS HYDR ANALYS TEST QUAL METH- NAT FREQ- RRS REF-
DESCRIPTION MANUFACTURER STATUS-
QUAL INST

2CMS*TSH 57A	A/D CONVERTER FOXBORO	C071L	CB	288	RM	Y	NA	NA	MF	NA		17	
												A	Y
2CMS*TSH 57B												17	
												A	Y
2CMS*TSH 58A												17	
												A	Y
2CMS*TSH 58B												17	
												A	Y
11													

