

WNP-2
SAFETY RELATED MECHANICAL
EQUIPMENT LIST

SEISMIC QUALIFICATION INFORMATION

September 25, 1981

Washington Public Power Supply System

Richland, Washington 99352

TABLE 271.02 - 2

PAGE A 1

8109128

8110010225 810925
PDR ADOCK 05000397
E PDR

NOTE 1. Description of codes used in safety related equipment lists

<u>Column Designation</u>	<u>Description</u>
Equipment No.	The equipment piece number (EPN) is listed. It is composed of the system designation (a complete list is enclosed), a component code (list enclosed) and a unique identifier.
Description	A short narrative description of the equipment.
Contract	The contract under which the equipment was purchased. The contracts beginning with 02 and Contract 59 were with the NSSS supplier. The two digit contracts are for equipment purchased through our A/E and the three digit contracts indicate equipment purchased through contractors at the construction site.
Q.I.D.	The Qualification Identification is a six digit number indicating a file which contains all the qualification documentation for that EPN along with summary forms and plant walk-through records.
Q.S.	Qualification Status indicates the seismic/hydrodynamic qualification of the equipment. The following list shows the meaning of the codes used. <ul style="list-style-type: none"> A - Acceptable, installed B - Acceptable, reviewed but installation status not yet determined. C - Acceptable, not installed D - No documentation in files M - Being requalified by analysis N - Not Acceptable, requalification method not yet determined P - Purchasing qualified replacement Q - Qualified by ASME code qualification. Vibratory loading not considered significant R - Not reviewed S - Qualified to date for seismic criteria only T - Being requalified by test

The second column shows the environmental qualification status, if available.

<u>Column Designation</u>	<u>Description</u>
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USE

Contains codes which describe equipment use during accident and/or normal plant shutdown conditions.

The "USE" input field is a two digit field. The first digit shows the equipment operability requirement for accident mitigation, and the second shows the equipment operability requirements for Hot or Cold shutdown conditions.

X X

0 The equipment is not required before, during, or after an accident.

Example: Equipment in this category provides no active function, but may provide a passive function by containing radioactive material outside the Reactor Building. It need not be qualified to demonstrate operability, even under non-accident service environments.

1 Equipment that will experience the environmental conditions of design basis accidents for which it must function to mitigate said accidents, and that will be qualified to demonstrate operability in the accident environment for the time required for accident mitigation with safety margin to failure.

Example: Equipment in this category is required for accident mitigation of accidents analyzed in the FSAR. This includes: pumps, valves, electrical equipment, instrumentation to follow the course of an accident, etc.

2 Equipment will experience environmental conditions of design basis accidents through which it need not provide an active function for mitigation of said accidents, but through which it must not fail in a manner detrimental to plant safety or accident mitigation, and that will be qualified to demonstrate the capability to withstand any accident environment for the time during which it must not fail with safety margin to failure.

<u>Column Designation</u>	<u>Description</u>
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Example: Equipment in this category must not actively fail in a manner detrimental to plant safety, e.g. a motor operated valve that is normally shut would be categorized as a "2" if its inadvertent opening would be detrimental to plant safety. Equipment that provides only a passive integrity function on a potentially contaminated system will be categorized as a "2" and will have a "P" placed in the "EC" column.

Category 2 will include all manual boundary, integrity, test and root valves which may be exposed to post-LOCA and radioactive drain system components (FDR and EDR).

3 Equipment that will experience environmental conditions of design basis accidents through which it need not function for mitigation of said accidents, and whose failure (in any mode) is deemed not detrimental to plant safety or accident mitigation, and need not be qualified for any accident environment but will be qualified for its non-accident service environment.

Example: Equipment in this category is limited to the IE/IM equipment in the "harsh environments" which is Safety-Related only to prevent the release of radio-active material and will not be exposed to post-LOCA radioactive fluids.

This category will include the components of the Reactor Water Clean-up System downstream of the second containment isolation valve.

4 Equipment that will not experience environmental conditions of design basis accidents and that will be qualified to demonstrate operability under the expected extremes of its accident service environment. This equipment would be located outside the Reactor Building.

Second Digit

X X

0 The equipment is not required to operate to shutdown the plant during normal conditions.

<u>Column Designation</u>	<u>Description</u>
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- | | |
|---|--|
| 1 | The equipment is required to operate for Hot Shutdown only during normal plant conditions. |
| 2 | The equipment is required to operate for Cold Shutdown only during normal plant conditions. |
| 3 | The equipment is required to operate for both Hot Shutdown and Cold Shutdown during normal conditions. |

<u>Test</u>	<u>Description</u>
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	The test column describes the tests used to seismically qualify the equipment. It includes up to three digits. They are as follows:
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	<u>X</u> <u>X</u> <u>X</u>
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	First Digit - Method of determining natural frequency.
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- | | |
|---|---|
| 1 | Resonance Sweep Test. A sinusoidal input (sine sweep) with continuously varying frequency is applied. The frequency band covers the range of frequencies from 1 to 33 hertz. This test is used as a resonance search test at low input (.2g-.4g) in support of sine Dwell (XX4) or sine beat (XX5) testing. |
| 2 | Resonance Analysis. The resonance of the specimen is determined by analysis. (The specimen is modeled using single degree of freedom oscillators.) |
| 3 | Reed critical test |
| 4 | Hammer blow |
| 5 | Attached Electromechanical Shaker (in SITU Test) |

	<u>X</u> <u>X</u> <u>X</u>
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	Second Digit - Number of axes stimulated simultaneously
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- | | |
|---|--|
| 1 | Single axis input. The input motion is applied to each principle axis independently. |
| 2 | Biaxial input. The input motion is applied to two principle axes simultaneously. |

<u>Column Designation</u>	<u>Description</u>
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3	Tri-axial input. The input motion is applied to each principle axes simultaneously.
4	Modified Bi-axial input. The specimen is mounted on the shake table in a fixture that supports the specimen at a 45° incline from the vertical. The input motion is then applied colinear with the specimen mounting. The input amplitude is adjusted by the 2 to account for resultant forces produced in the vertical and one principle horizontal axes. Thus, the time phasing of the input is in-phase for the axes (vertical and one horizontal) tested.
<u>X X X</u>	Third digit - Frequency content
1	Random Motion Multifrequency Test. The amplitude of which is controlled in 1/3 octave, or narrower, frequency bandwidth filters with individual output gain controls. Minimum duration of test is fifteen seconds (IEEE-344, 1975, 6.6.3.3).
2	Random Motion Multifrequency with sine beat superimposing. A composite excitation utilizing input motion of 1 above with sine beat or beats at peak frequencies in order to envelop the R.R.S. (IEEE-344, 1975 6.6.3.4).
3	Complex Wave. Not used (IEEE-344, 1975 6.6.3.5)
4	Continuous Sine Test (Sine Dwell). A continuous sinusoidal test conducted at the resonant frequencies determined from resonance search or analysis and/or near 33 hertz if no resonances are present between 1 and 33 hertz. (See response to 271.01 for acceptance criteria.)
5	Sine Beat Test. A test consisting of the application of sine beats of peak acceleration corresponding to resonance frequencies of the specimen and/or near 33 hertz if no resonances are present between 1 and 33 hertz. (See response to 271.01 for acceptance criteria.)

<u>Column Designation</u>	<u>Description</u>
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- | | |
|---|--|
| 6 | Sine sweep test. A sinusoidal input with continuously varying frequency is applied. The input amplitude is equal to the ZPA of the RRS except at low frequencies where the value of the TRS may follow the RRS. Justification is provided. |
| 7 | Both 1 and 5 were performed. |
| 8 | Random Motion Multifrequency Test and Sine Beat Test. Both 1 and 2 were performed. |
| 9 | Continuous Sine Test (Sine Dwell) Over a Frequency Range. A continuous sinusoidal test conducted in 1/3 octave bands over the frequency range 1 to 33 Hz. |

ANL

Analysis used as described below:

X X

- | | |
|-----|--|
| 0 1 | Static analysis is performed by applying the seismic forces through the center of gravity of the specimen in addition to all other applicable loads. A pre-condition to the use of static analysis is that the specimen must contain no significant resonances below the ZPA. |
| 0 2 | Dynamic Analysis. The specimen is modeled to best represent its mass distribution and stiffness characteristics. A response spectrum model analysis technique or a time history analysis is used. Results are combined using the square-root of the sum of the square basis except for closely spaced in-phase modes where the absolute value is used. |
| 0 3 | Extrapolation. The results of testing on a prototype specimen is analyzed and the results extended to cover a generic line of similar equipment. Where the differences are significant, justification is provided. |

C

Compliance

Indicates which version of IEEE 344 was complied with.
Not used at this time. (See qualification status.)

<u>Column Designation</u>	<u>Description</u>
FREQ	The lowest natural frequency (in cycles per second) found in the equipment. If a "+" follows that frequency, no natural frequency was found up to and including that frequency.
T.M.	Type of mounting indicated by the following code: D - Duct mounted F - Floor mounted H - Hanger mounted P - Pipe mounted R - Rack mounted W - Wall mounted
H.L.	Hydrodynamic loads indicates whether or not the equipment is subjected to hydrodynamic vibratory loads caused by an accident condition. "Y" indicates yes; "N" indicates no.
LV	Level assigned to equipment. An identifier which will permit the sorting of the 1E/1M list into major pieces of equipment, instrumentation, and subcomponent parts.
Level 1:	Class 1E/1M composite equipment which requires qualification of the overall assembly. Each composite piece of equipment will be identified with a unique Equipment Piece Number (EPN) and will have the symbol "+" added to the end of the EPN. Motor operated valves would be listed as composite equipment with a level designation of 1. Other examples would include the diesel generator skids, pump skids, air handling units, filter/dryer assemblies, air compressors, etc.
Level 2:	A class 1E/1M component or instrument function which requires individual qualification. The instrument function is described by an instrument loop which could include a sensor, a switch, an alarm, and indicator and/or a controller. Whenever an instrument loop is identified as Safety-Related, the sensor will receive a Level 2 designation and all other instrument loop components will be designated Level 3.

<u>Column Designation</u>	<u>Description</u>
Example 1:	For a motor-operated valve, the valve body, valve motor, and external limit switches (if they have a Safety-Related function) are all Level 2 components.
Example 2:	An instrument consisting of a flow element, flow transmitter, flow switch and flow indicator would have the flow element as Level 2 with the other components as Level 3.
Level 3:	Any 1E/1M instrumentation component not included in Level 2.
Example:	A flow transmitter associated with a 1E/1M flow element would be designated as Level 3.
Level 4:	A subcomponent of a class 1E/1M component.
Example:	Internal limit switch to motor operators for valves, dropping resistors, pressure transmitter circuit boards, wiring, indicating lights, etc.

Plant Location Shows the plant location using the following abbreviations for building followed by elevation in feet and specific location.

- A - Auxiliary Buildings
- C - Part of or within Primary Containment
- D - Diesel Generator Building
- L - Offsite Locale
- M - Make-up Pump House
- O - Outdoors on Site
- P - Pump House
- R - Reactor Building
- S - Service Building
- T - Turbine Generator Building
- W - Radwaste/Control Building

MFG Manufacturer: Contains the code prepared for the industry by Southwest Research Corp. indicating the company who manufactured the equipment. In a few cases where the manufacturer has not been determined, the supplier's code was put in this column until the manufacturer has been determined.

<u>Column Designation</u>	<u>Description</u>
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MFG Model No.	The manufacturer's model number. In the cases where this has not been determined, General Electric purchased part drawing number or other applicable information is supplied.
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WASHINGTON PUBLIC POWER SUPPLY SYSTEM
 MASTER EQUIPMENT LIST
 SYSTEM CODE LIST

SYSTEM CODE	SYSTEM TITLE
APRM	AVERAGE POWER RANGE MONITOR SYSTEM
CAC	CONTAINMENT ATMOSPHERE CONTROL SYSTEM
CAS	CONTROL AIR SYSTEM
CEP	CONTAINMENT EXHAUST PURGE SYSTEM
CIA	CONTAINMENT INSTRUMENT AIR SYSTEM
CMS	CONTAINMENT MONITORING SYSTEM
COND	NUCLEAR CONDENSATE SYSTEM
CRA	CONTAINMENT RETURN AIR SYSTEM
CRD	CONTROL ROD DRIVE SYSTEM
CSP	CONTAINMENT SUPPLY PURGE SYSTEM
CVB	CONTAINMENT VACUUM BREAKER SYSTEM
DCW	DIESEL COOLING WATER SYSTEM
DE	DIESEL EXHAUST (ENGINE) SYSTEM
DEA	DIESEL BUILDING EXHAUST AIR (HVAC) SYSTEM
DG	DIESEL GENERATOR SYSTEM
DLO	DIESEL LUBE OIL SYSTEM
DMA	DIESEL BUILDING MIXED AIR (HVAC) SYSTEM
DO	DIESEL OIL SYSTEM
DOA	DIESEL BUILDING OUTSIDE AIR (HVAC) SYSTEM
DSA	DIESEL STARTING AIR SYSTEM
E	ELECTRICAL SYSTEM
EDR	EQUIPMENT DRAINS (RADIOACTIVE) SYSTEM
FDR	FLOOR DRAIN RADIOACTIVE SYSTEM
FPC	FUEL POOL COOLING SYSTEM
HPCS	HIGH PRESSURE CORE SPRAY SYSTEM
HY	RCC HYDRAULIC CONTROL
IRM	INTERMEDIATE RANGE MONITOR
LD	LEAK DETECTION SYSTEM
LPCS	LOW PRESSURE CORE SPRAY SYSTEM
LPRM	LOCAL POWER RANGE MONITOR SYSTEM
MS	MAIN STEAM (NUCLEAR) SYSTEM
MSLC	MAIN STEAM LEAKAGE CONTROL SYSTEM
MT	MATERIAL TRANSPORT SYSTEM
MWR	MISCELLANEOUS WASTE (RADIOACTIVE) SYSTEM
NSSE	NUCLEAR SYSTEM SERVICING EQUIPMENT SYSTEM
PI	PROCESS INSTRUMENTATION SYSTEM
PNL	PANEL
POA	PUMP HOUSE OUTSIDE AIR (HVAC) SYSTEM
PRA	PUMP HOUSE RETURN AIR (HVAC) SYSTEM
RCC	CLOSED COOLING WATER SYSTEM
RCIC	REACTOR CORE ISOLATION COOLING SYSTEM
REA	REACTOR BUILDING EXHAUST AIR (HVAC) SYSTEM
RFW	REACTOR FEEDWATER SYSTEM
RHR	RESIDUAL HEAT REMOVAL SYSTEM
ROA	REACTOR BUILDING OUTSIDE AIR (HVAC) SYSTEM
RPS	REACTOR PROTECTION SYSTEM
RRA	REACTOR BUILDING RETURN AIR (HVAC) SYSTEM
RRC	REACTOR RECIRCULATION SYSTEM
RWCU	REACTOR WATER CLEANUP SYSTEM
S	SAMPLING SYSTEM
SGT	STANDBY GAS TREATMENT SYSTEM
SLC	STANDBY LIQUID CONTROL SYSTEM
SPTM	SUPPRESSION POOL TEMP MONITORING SYSTEM

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
MAINTENANCE EQUIPMENT LIST
SYSTEM CODE LIST

SYSTEM CODE	SYSTEM TITLE
SRM	SOURCE RANGE MONITOR SYSTEM
SW	STANDBY SERVICE WATER SYSTEM
TIP	TRAVERSING INCORE PROBE SYSTEM
WEA	WASTE BUILDING EXHAUST AIR (HVAC) SYSTEM
WMA	WASTE BUILDING MIXED AIR (HVAC) SYSTEM
WOA	WASTE BUILDING OUTSIDE AIR (HVAC) SYSTEM
WRA	WASTE BUILDING RETURN AIR (HVAC) SYSTEM

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
 MASTER EQUIPMENT LIST
 COMPONENT TABLE

COMP CODE	COMPONENT IDENTIFICATION
AC	AIR CONDITIONING UNIT
AD	AIR DAMPER
AH	AIR HANDLING UNIT
ALM	ALARM
ALT	ALTERNATING RELAY
AM	AMMETER
AMP	AMPLIFIER
ANN	ANNUNCIATORS
AO	AIR OPERATOR
AR	AIR RECEIVER
AR	ALARM RECORDER
ASW	AIR SWITCH
AUX	AUX. INST. OR ELECT. EQUIP
AV	AIR RELEASE VALVE
AW	AIR WASHER
AY	ANALYZER
BD	BOARD
BJM	BRANCH JUNCTION MODULE
BL	EALER
BLR	BOILER
BUOY	BUOY
B0	24 VOLT BATTERY
B1	125 VOLT BATTERY
B2	250 VOLT BATTERY
B3	
C	COMPRESSOR
CAR	CHLORINE ANALYZER/RECORDER
CB	CIRCUIT BREAKER
CBL	CABLE
CC	COOLING COIL
CCU	CENTRAL CONTROL UNIT
CE	CONDUCTIVITY ELEMENT
CF	CHARCOAL FILTER
CHL	CHLORINATORS
CI	CONDUCTIVITY INDICATOR
CIS	CONDUCTIVITY INDIC. SWITCH
CIST	CONDUCTIVITY IND TRAN SWITCH
CIT	CONDUCTIVITY INDIC. TRANSMIT
CNTR	CONTACTOR,*CL.1E ONLY*
COE	CORROSIVITY SENSOR
COMP	COMPUTER
CON	CONDUCTIVITY ANAL/CONTROLLER
CONN	CONNECTOR,*CL.1E ONLY*
COR	CORROSIVITY RECORDER
CP	CONTROL PANEL
CPL	DATA COUPLER
CR	DIODE,*CL.1E ONLY*
CR	CONDUCTIVITY RECORDER
CR	CHILLER
CRA	CRANE
CRM	CONTROL ROOM MODULE
CS	CONDUCTIVITY SWITCH
CT	CURRENT TRANSFORMER

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
 MASTER EQUIPMENT LIST
 COMPONENT TABLE

COMP CODE	COMPONENT IDENTIFICATION
CT	CONDUCTIVITY TRANSMITTER
CT	COOLING TOWER
CU	CONDENSING UNIT
C0	24 VOLT BATTERY CHARGER
C1	125 VOLT BATTERY CHARGER
C2	250 VOLT BATTERY CHARGER
C3	
D	DAMPER
DC	DUST COLLECTOR
DE	DENSITY ELEMENT
DET	DETECTOR
DFS	DIFFERENTIAL FLOW SWITCH
DIF	DIFFUSER
DISC	FUSED DISCONNECT
DLR	DIFFERENTIAL LEVEL RECORDER
DLS	DIFFERENTIAL LEVEL SWITCH
DLT	DIFFERENTIAL LEVEL TRANSMITTER
DM	DEMINERALIZER
DMS	DEMISTER
DMTR	DEMAND METER
DOE	DISSOLVED OXYGEN ELEMENT
DOIT	DISSOLVED OXYGEN INDIC TRANS
DOOR	DOOR
DP	DISTRIBUTION PANEL
DPC	D PRESS CONTROLLER
DPE	DRIP PAN ELBOW
DPI	D PRESS INDICATOR
DPIC	D PRESS INDICAT. CONTROLLER
DPIR	D PRESS INDICAT RECORDER
DPIS	D PRESS INDICATING SWITCH
DPIT	D PRESS INDICAT TRANSMITTER
DPR	D PRESS RECORDER
DPRC	D PRESS RECORDING CONTROLLER
DPS	D PRESS SWITCH
DPT	D PRESS TRANSMITTER
DRVE	DRIVE
DS	DENSITY SWITCH
DT	DENSITY TRANSMITTER
DT	DRIVE TURBINE
DTIS	D TEMP INDICATING SWITCH
DTRS	D TEMP RECORDING SWITCH
DTT	D TEMP TRANSMITTER
DU	DEAERATOR
DV	DUMP VALVE
DVSP	DRAIN VALVE SPV
DY	DRYER
E/H	ELECTROHYDRAULIC CONVERTER
E/P	ELECTROPNEUMATIC CONVERTER
E/S	ELECTRONIC POWER SUPPLY
EAMP	VOLTAGE AMPLIFIER OR PREAMPL
ED	EDUCTOR
EFCX	EXCESS FLOW CHECK VALVE
EHC	ELECTRIC HEATING COIL

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
 MASTER EQUIPMENT LIST
 COMPONENT TABLE

COMP CODE	COMPONENT IDENTIFICATION
EHO	ELECTROHYDRAULIC OPERATOR
EI	VOLTMETER(SEE V FOR B&R USE)
EJ	EXPANSION JOINT
EJC	EJECTOR, INJECTOR OR EDUCTOR
ELEV	ELEVATOR
ELF	EMER LIGHT FIXTURE, *CL.1E*
ELP	EMERGENCY LIGHTING PANEL
EMSQ	MEAN SQUARE VOLTAGE DEVICE
ENG	ENGINE
EPP	EMERGENCY POWER PANEL
EQ	SPECIALITY EQUIP AND TOOLS
ES	EXHAUST SILENCER
ESH	ELECTRIC STRIP HEATER
ETD	TRANSDUCER, VOLTAGE
EUH	ELECTRIC UNIT HEATER
EV	EVAPORATOR
EX	EXHAUSTER
EXC	EXCITER
F	PIPING FILTER
FA	FLAME ARRESTOR
FC	FAN COIL
FC	FLOW CONTROLLER
FCN	FILL CONNECTION
FCV	FLOW CONTROL VALVE
FE	FLOW ELEMENT
FG	FLOW GLASS
FGEN	FUNCTION GENERATOR
FH	FUME HOOD
FI	FLOW INDICATOR
FIC	FLOW INDICATING CONTROLLER
FIS	FLOW INDICATING SWITCH
FIT	FLOW INDICATING TRANSMITTER
FL	FILTER
FLT	FILTER
FLX	FLEXIBLE CONNECTION
FN	FAN
FO	FREON ACTUATED OPERATOR
FQ	FLOW INTEGRATOR
FQI	FLOW INTEGRATING INDICATOR
FQS	FLOW INTEGRATING SWITCH
FR	FLOW RECORDER
FRC	FLOW RECORDING CONTROLLER
FRCS	FLOW RECORDING CONTRL SWITCH
FRS	FLOW RECORDING SWITCH
FS	FLOW SWITCH
FSPV	FLOW CONTROL VLV-SPV
FT	FLOW TRANSMITTER
FTD	TRANSDUCER, FREQUENCY
FU	FILTER UNIT
FUB	FUSEBLOCK HOLDER *CL.1E ONLY*
FUSE	FUSE, *CL.1E ONLY*
FX	FLOW TEST POINT
GEN	GENERATOR

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
 MASTER EQUIPMENT LIST
 COMPONENT TABLE

COMP CODE	COMPONENT IDENTIFICATION
GVT	GRAVITY VENTILATOR
H	HEATER
HAS	HIGH AMPLITUDE SELECTOR
HC	HEATING COIL
HCU	HYDRAULIC CONTROL UNIT
HF	HIGH EFFICIENCY FILTER
HGR	HANGER, SNUBBER, STRUT & SUPPT
HO	HYDRAULIC OPERATOR
HOI	HOIST
HP	HYDRAULIC POWER UNIT
HR	HYDROGEN RECOMBINER
HS	HOSE STATION
HT	HYDRANT
HTP	HOT WATER HEAT EXCHANGER
HU	HUMIDIFIER
HV	HEATING AND VENTILATION UNIT
HX	HEAT EXCHANGER
HZM	FREQUENCY METER
H2R	HYDROGEN RECORDER
I/P	CURRENT/PNEUMATIC CONVERTER
IL	INDICATOR LIGHT, *CL. 1E ONLY*
IN	INVERTER
IR	INSTRUMENT RACK
ITD	TRANSDUCER, CURRENT
JI	WATTMETER (SEE W FOR B&R USE)
JP	JET PUMP
LA	LIGHTNING ARRESTOR
LAG	ELECTRONIC TIME DELAY
LAS	LOW AMPLITUDE SELECTOR
LC	LEVEL CONTROLLER
LCV	LEVEL CONTROL VALVE
LE	LEVEL ELEMENT
LG	LEVEL GLASS
LI	LEVEL INDICATOR
LIC	LEVEL INDICATING CONTROLLER
LIS	LEVEL INDICATING SWITCH
LITS	LEVEL INDIC TRANS SWITCH
LMS	LIMIT SWITCH
LMS	LOCAL MANUAL SWITCH
LHTR	VOLTAGE/CURRENT SIGNAL LIMIT
LOC	LUBE OIL CONDITIONER
LP	LIGHTING PANEL
LPW	ELECTRONIC POWER SUPPLY (E/S)
LR	LEVEL RECORDER
LRS	LEVEL RECORDING SWITCH
LS	LEVEL SWITCH
LSPV	LEVEL CONTROL VLV-SPV
LT	LEVEL TRANSMITTER
LTD	TRANSDUCER LEVEL
LWS	LOW VOLUME SELECTOR
LX	LEVEL TEST POINT
M	MOTOR
M/A	MANUAL OR AUTO STATION

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
 MASTER EQUIPMENT LIST
 COMPONENT TABLE

COMP CODE	COMPONENT IDENTIFICATION
MC	MOISTURE CONTROLLER
MC	MOTOR CONTROL CENTER
ME	MOISTURE ELEMENT
MI	MOISTURE INDICATOR
MIC	MOISTURE INDIC CONTROLLER
MIS	MOISTURE INDICATING SWITCH
MO	MOTOR OPERATOR
MR	MOISTURE RECORDER
MS	MOISTURE SEPARATOR
MT	MOISTURE TRANSMITTER
MV/I	M/VOLT TO CURRENT CONVERTER
MV/P	MILLIVOLT TO PNEUMATIC CONVE
MX	MIXER
MZ	MULTIZONE AIR CONDITIONER
N	NOZZLE
NR	NEUTRAL GROUNDING RESISTOR
OSC	OSCILLOGRAPH
O2R	OXYGEN RECORDER
P	PUMP
PBU	SEISMIC PLAYBACK UNIT
PC	PRESSURE CONTROLLER
PCV	PRESSURE CONTROL VALVE
PH	PH ANALYZER
PHE	PH ELEMENT
PHIC	PH INDICATING CONTROLLER
PHIT	PH INDICATING TRANSMITTER
PHRC	PH RECORDING CONTROLLER
PHT	PH TRANSMITTER
PI	PRESSURE INDICATOR
PIC	PRESS INDICATING CONTROLLER
PIS	PRESSURE INDICATING SWITCH
POE	POSITION INDICATION ELEMENT
POI	POSITION INDICATOR
POS	POSITION SWITCH
POT	POSITION TRANSMITTER
POTR	POTENTIOMETER, *CL. 1E ONLY*
PP	PUMP PACKAGE
PP	POWER PANEL
PR	PRESSURE RECORDER
PROG	PROGRAMMER
PRV	PRESSURE REDUCING VALVE
PS	PRESSURE SWITCH
PSV	SOLENOID PILOT VALVE
PT	POTENTIAL TRANSFORMER
PT	PRESSURE TRANSMITTER
PTD	PRESSURE TRANSDUCER
PUI	PURITY INDICATOR
PUIT	PURITY INDIC TRANSMITTER
PUS	PURITY SWITCH
PV	PILOT VALVE
PWC	DEW POINT TRANSMITTER
PWS	PIPE WHIP RESTRAINT
PX	PRESSURE TEST POINT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
 MASTER EQUIPMENT LIST
 COMPONENT TABLE

COMP CODE	COMPONENT IDENTIFICATION
QDC	QUICK DISCONNECT COUPLING
QHM	RUN TIME METER
QSV	QUICK ACTING SOLENOID PILOT
R/I	RESISTANCE/CURRENT CONVER
RAM	RADIATION AMPLIFIER
RC	REMOTE CAPPER
RC	RADIATION CONTROLLER
RC	RECOMBINER
RD	RUPTURE DISC
RE	RADIATION ELEMENT
REL	FLOW BALANCING RELAY
RES	ESISTOR,*CL.1E ONLY*
RF	REFRIGERATION MACHINE
RI	RADIATION INDICATOR
RIS	RADIATION INDICATING SWITCH
RLY	RELAY
RMC	REMOTE MANUAL CONTROLLER
RMS	REMOTE MANUAL CONTROL SWITCH
RO	RESTRICTING ORIFICE
ROD	ROD
RPV	REACTOR PRESSURE VESSEL
RR	RADIATION RECORDER
RS	RADIATION SWITCH
RSA	RESPONSE SPECTRUM ANNUNCIATO
RSM	RADIATION SAMPLER
RSR	TRIAXIAL RESPONSE SPECTRUM R
RSRT	RSR TRANSDUCER FOR RSA
RST	RESIN TRAP
RT	RADIATION TRANSMITTER
RV	RELIEF VALVE
RVT	ROOF VENTILATOR
S	ELECTRONIC TRIP UNIT
S	SILENCER
SC	SPEED CONTROLLER
SCR	SCREEN
SE	SPEED ELEMENT
SEW	SAFETY EYE WASH
SH	6.9 KV SWITCH GEAR
SI	SPEED INDICATOR
SIOA	SILICON AND OXYGEN ANALYZER
SL	30VOLT SWITCH GEAR
SM	4.16KV SWITCH GEAR
SMA	TRIAXIAL ACCELERATION SENSOR
SMD	SMOKE DETECTOR
SMX	STATIC MIXER
SN3	SNUBBER
SP	SAMPLE POINT
SPV	SOLENIOD PILOT VALVE
SQRT	SQUARE ROCT EXTRACTOR
SR	SAMPLE RACK
SS	SELECTOR SWITCH
SS	SPEED SWITCH
ST	STRAINER

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
 MASTER EQUIPMENT LIST
 COMPONENT TABLE

COMP CODE	COMPONENT IDENTIFICATION
ST	SEISMIC TRIGGER
SUH	STEAM UNIT HEATER
SUM	SUMMER
SUMP	SUMP
SV	SOLENOID OPERATED VALVE
T	TRAP
T/SS	(TEMP) SELECTOR SWITCH
TA	TRIP AUXILIARY UNIT
TAPE	MAGNETIC TAPE UNIT
TEE	TURBIDITY ELEMENT
TBIT	TURBIDITY INDICATING TRANS
TBR	TURBIDITY RECORDER
TBS	TURBIDITY SWITCH
TBT	TURBIDITY TRANSMITTER
TC	TEMPERATURE CONTROLLER
TCV	TEMPERATURE CONTROL VALVE
TD	TIME DELAY RELAY
TD	TRANSFER DOLLY
TDS	TIME DELAY SWITCH
TE	TEMPERATURE ELEMENT
TI	TEMPERATURE INDICATOR
TIC	TEMP INDICATING CONTROLLER
TI	TEMP INDICATING SWITCH
TK	TANK
TM	TIMER
TQ	TIME TOTALIZER
TQR	TORQUE RECORDER
TQS	TORQUE SWITCH
TQT	TORQUE TRANSMITTER
TR	TRANSFORMER
TR	TEMPERATURE RECORDER
TR	TRIAxIAL RECORDER
TRB	TERMINAL BLOCK/STRIP*CL.1E*
TRL	TRANSLATOR
TRS	TEMPERATURE RECORDING SWITCH
TS	TEMPERATURE SWITCH
TSC	TEMPERATURE SCANNER
TT	TEMPERATURE TRANSMITTER
TV	TEST VALVE
TX	THERMOWELL
TY	RELAY,PNEUMATIC CONTROL
UFM	UNIPLEX FIELD MODULE
V	VALVE
V	USE EI FOR MEL(B&R USE ONLY)
VARM	VAR METER
VATD	TRANSDUCER,VAR
VB	VACUUM BREAKER
VBAM	VIBRATION AMPLIFIER
VBE	VIBRATION ELEMENT
VBEC	VIBRATION/ECCENTRICITY INDIC
VBIS	VIBRATION INDICATING SWITCH
VBS	VIBRATION SWITCH
VD	VIEWING DEVICE

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
 MASTER EQUIPMENT LIST
 COMPONENT TABLE

COMP CODE	COMPONENT IDENTIFICATION
VX	INSTRUMENT ISOLATION VALVE
VZ	VAPORIZER
W	USE JI FOR MEL (B&R USE ONLY)
WDR	WIND DIRECTION RECORDER
WDT	WIND DIRECTION TRANSMITTER
WHM	WATT-HOUR METER
WSR	WIND SPEED RECORDER
WST	WIND SPEED TRANSMITTER
WTD	WATT TRANSDUCER
WUH	WATER UNIT HEATER
X	PRIMARY CONTAINMENT PENETRAT
XE	ELEMENT, SPECIAL TYPES
XR	RECORDER, SPECIAL TYPES
XT	TRANSMITTER, SPECIAL TYPES
33C	VLV TRVL POS SW CLOSED
33IC	VLV TRVL POS SW INTER CLOSED
33IO	VLV TRVL POS SW INTER OPEN
33O	VLV TRVL POS SW OPEN
33TC	VLV TRVL POS SW TORQ CLOSED
33TO	VLV TRVL POS SW TORQ OPEN
42	ELECTRICAL MOTOR START COIL

EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT NO.	QID	QS	USE	TEST MFG MODEL NO.	ANL	F/O	C	FREQ	TH	HL
CAC-EV-1A+ 1	COMPOSITE FOR AFTERCOOLER 1A				1 0							
CAC-EV-1B+ 1	COMPOSITE FOR AFTERCOOLER 1B				1 0							
CAC-FCV-1A 2	2.5" (EH) FLOW CONTROL FROM X-99 R 575 M2/5.2	42A F130	133001	M	1 0	53A5659	0 1					N
CAC-FCV-1B 2	2.5" (EH) FLOW CONTROL FROM X-97 R 564 J.5/6.7	42A F130	133001	M	1 0	53A5659	0 1					N
CAC-FCV-2A 2	2.5" (EH) FLOW CONTROL TO X-96 R 560 M.1/7.7	42A F130	133004	M	1 0	AU6185	0 1					N
CAC-FCV-2B 2	2.5" (EH) FLOW CONTROL TO X-98 R 558 M.5/6.6	42A F130	133004	M	1 0	AU6185	0 1					N
CAC-FCV-3A 2	2.5" (EH) FLOW CONTROL FROM X-105 R 495 M.8/4.7	42A F130	133001	M	1 0	53A5659	0 1					N
CAC-FCV-3B 2	2.5" (EH) FLOW CONTROL FROM X-104 R 496 J.0/7.4	42A F130	133001	M	1 0	53A5659	0 1					N
CAC-FCV-4A 2	2.5" (EH) FLOW CONTROL TO X-102 R 495 M.4/6.0	42A F130	133001	M	1 0	53A5659-6	0					N
CAC-FCV-4B 2	2.5" (EH) FLOW CONTROL TO X-103 R 495 M.4/6.0	42A F130	133001	M	1 0	53A5659	0					N
CAC-FCV-5A 2	1.0" GLOBE CAC-AJ-1A S.W. INLET R 572 M.6/6.4	71 C678	133005	A	1 0	2 1						N
CAC-FCV-5A+ 1	COMPOSITE FOR CAC-FCV-5A M.6/6.4				1 0							
CAC-FCV-5B 2	1.0" GLOBE CAC-AJ-1B S.W. INLET R 573 M.6/7.5	71 C678	133005	A	1 0	2 1					F	N
CAC-FCV-5B+ 1	COMPOSITE FOR CAC-FCV-5B R 573 M.6/7.5				1 0							
CAC-FCV-6A 2	2.0" EH GLOBE CAC-FN-1A RECIRC. R 572 M.6/6.4	71 C678	133005	A	1 0	2 1					F	N
CAC-FCV-6A+ 1	COMPOSITE FOR CAC-FCV-6A M.6/6.4				1 0							
CAC-FCV-6B 2	2.0" EH GLOBE CAC-FN-1B RECIRC. R 573 M.6/7.5	71 C678	133005	A	1 0	2 1					F	N
CAC-FCV-6B+ 1	COMPOSITE FOR CAC-FCV-6B M.6/7.5				1 0							
CAC-FN-1A 2	BLOWER 25 HP R 572 M.5/6.6	71 A136	145021	A	1 0	2 1					F	N
CAC-FN-1B 2	BLOWER 25 HP R 572 M.5/7.4	71 A136	145021	A	1 0	2 1					F	N
CAC-RV-63A 2	1" X 2" RELIEF CAC-EV-1A S.W. R 573 M.5/6.6	71 L263	297003	A	1 0	2 1					F	N
CAC-RV-63B 2	1" X 2" RELIEF CAC-EV-1B S.W. R 573 M.5/6.6	71 L263	297003	A	1 0	2 1					F	N
CAC-RV-65A 2	RELIEF CAC-EV-1A DISCH 1 1/2" X 3" R 573 M.5/6.6	A415	297016	A	1 0	2 1					F	N
CAC-RV-65B 2	RELIEF CAC-EV-1A DISCH 1 1/2" X 3" R 573 M.5/6.6	A415	297016	A	1 0	2 1					F	N
CAC-TCV-4A	2.0" GLOBE CAC-EV-1A SW IN (EH)	71	335005	A	1 0	2 1					F	N

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR NRC-SQRT

DATE 09/25/81 PAGE 2

EQUIPMENT NO. LV	DESCRIPTION FLANT LOCATION	CONTRACT MFG	QID	QS	USE	TEST MFG MODEL NO.	ANL	F/U	C	FREQ	TM	HL
2 CAC-TCV-4A+	R 572 M.6/6.4 COMPOSITE FOR CAC-TCV-4A	C678				46						
1 CAC-TCV-4B	R 572 M.6/6.4 2.7" GLOBE CAC-EV-1B S.W. INLET	71		A	1 0	2 1					F	N
2 CAC-TCV-4B+	R 573 M.6/7.5 COMPOSITE FOR CAC-TCV-4B	C678				1 0						
1 CAC-V-1A	M.6/7.5 2" SAUNDERS TO CAC-AW-1A (EM)	71	361943	A	1 0	2 1					F	N
2 CAC-V-1A+	R 572 M.6/6.4 COMPOSITE FOR CAC-V-1A	I207				NH-95C2670F3L2						
1 CAC-V-1B	M.6/6.4 2" SAUNDERS TO CAC-AW-1B (EM)	71	361943	A	1 0	2 1					F	N
2 CAC-V-1B+	R 573 M.6/7.5 COMPOSITE FOR CAC-V-1B	I207				NH-95C2670F3L2						
1 CAC-V-11	M.6/7.5 4.0" GATE CAC LINE TO (X-98)	41A	361703	M	1 0		0 1			58		N
2 CAC-V-13	R 558 M.4/6.4 4.3" GATE CAC LINE TO (X-103)	41A	361703	B	1 0	DWG P23311-N-7	0 1			58		N
2 CAC-V-15	R 495 M.4/6.0 4.3" GATE CAC LINE FROM (X-97)	41A	361703	B	1 0	DWG P2-3311-N-7	0 1			58		N
2 CAC-V-17	R 564 J.6/6.8 4.0" GATE CAC LINE FROM (X-114)	41A	361703	B	1 0	DWG P2-3311-N-7	0 1			58		N
2 CAC-V-2	R 496 J.3/7.4 4.3" GATE CAC LINE TO (X-96)	41A	361703	A	1 0	DWG P2-3311-N-7	0 1			58		N
2 CAC-V-2A	R 560 L.2/7.1 2.3" SAUNDERS (E40)	71	361944	A	1 0	DWG P2-3311-N-7					F	N
2 CAC-V-2A+	R 572 M.6/6.4 COMPOSITE FOR CAC-V-2A	I207				NH-91C2070F3L2						
1 CAC-V-2B	M.6/6.4 2.3" SAUNDERS (E40)	71	361944	A	1 0	2 1					F	N
2 CAC-V-2B+	R 573 M.6/7.5 COMPOSITE FOR CAC-V-2B	I207				NH-91C2070F3L2						
1 CAC-V-3A	M.6/7.5 0.75" GLOBE CAC-MS-1A DRAIN	71	361945	A	1 0	2 1					F	N
2 CAC-V-3A+	R 572 M.6/6.4 COMPOSITE FOR CAC-V-3A	I207				NH-95C1670F3L3						
1 CAC-V-3B	M.6/6.4 0.75" GLOBE CAC-MS-1B DRAIN	71	361945	A	1 0	2 1					F	N
2 CAC-V-3B+	R 573 M.6/7.5 COMPOSITE FOR CAC-V-3B	I207				NH-95C1670F3L3						
1 CAC-V-4	R 573 M.6/7.5 4.0" GATE CAC LINE TO (X-102)	41A	361703	C	1 0		0 1			58		N
2 CAC-V-6	R 491 M.9/8.7 4.3" GATE CAC LINE FROM (X-99)	41A	361703	B	1 0	P23311-N-7	0 1			58		N
2 CAC-V-8	R 514 L.7/5.5 4.0" GATE CAC LINE FROM (X-105)	41A	361703	B	1 0	DWG P2-3311-N-7						
2 CAC-V-453	R 492 M.7/4.7 1" SU GLOBE ROOT CTRL WM VAC BRKRS	215				DWG P2-3311-N-7						
2						2 0						

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR NRC-SURT

DATE 09/25/81 PAGE 3

EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	SIZE	TEST MFG MODEL NO.	AVL	F70	C	FREQ	TM	HL
CEP-40-1A 2	AIR OPERATOR FOR CEP-V-1A R 561 J.4/5.4	68		R		2 3						
CEP-40-1B 2	AIR OPERATOR FOR CEP-V-1B R 558 J.4/5.3	68		R		2 3						
CEP-40-2A 2	AIR OPERATOR FOR CEP-V-2A R 558 J.4/5.4		018001	R		2 3						
CEP-40-2B 2	AIR OPERATOR FOR CEP-V-2B R 558 J.4/5.3	M322				DWG A83B						
CEP-40-3A 2	AIR OPERATOR FOR CEP-V-3A R 437 H.5/5.4	68	018001	R		2 3						
CEP-40-3B 2	AIR OPERATOR FOR CEP-V-3B R 495 H.5/5.7	M322				A831						
CEP-40-4A 2	AIR OPERATOR FOR CEP-V-4A R 497 H.5/5.4	I206		R		2 3						
CEP-40-4B 2	AIR OPERATOR FOR CEP-V-4B R 498 H.5/5.4	68	018001	R		2 3						
CEP-V-1A 2	30.0" BFLY (AO) DRYWELL EXHAUST R 558 J.4/5.4	68	I206			CAT 502JGE62EAZU/						
CEP-V-1A+ 1	COMPOSITE FOR VALVE CEP-V-1A J.4/5.4	68	B250			DWG A-206763						
CEP-V-1B 2	2" GATE CEP-V-1A BYPASS R 558 J.4/5.3	68	361402	N		2 3		0 1				Y
CEP-V-1B+ 1	COMPOSITE FOR VALVE CEP-V-1B+ J.4/5.3		I208			73/8249/001						
CEP-V-2A 2	30.0" BFLY DRYWELL EXHAUST (AO) R 558 J.4/5.4	68	361104	M		2 3						
CEP-V-2A+ 1	COMPOSITE FOR VALVE CEP-V-2A J.4/5.4	68	B250			DWG A-206763						
CEP-V-2B 2	2" GATE CEP-V-2A BYPASS R 558 J.4/5.3	68	361402	N		2 3		0 1				Y
CEP-V-2B+ 1	COMPOSITE FOR VALVE CEP-V-2B J.4/5.3	68	I208			DWG V-502L-119A						
CEP-V-3A 2	24.0" BFLY SUPP. CHAMBER EXHAUST R 495 H.5/5.4	68	361105	M		2 3		0 1				N
CEP-V-3A+ 1	COMPOSITE FOR VALVE CEP-V-3A R 495 H.5/5.4	68	B250			DWG A-206764						
CEP-V-3B 2	2.0" GATE CEP-V-3A BYPASS R 495 H.7/5.6	68	361402	T		2 3		0 1				N
CEP-V-3B+ 1	COMPOSITE FOR VALVE CEP-V-3B R 475 H.7/5.6	68	I208			DWG V502L119A						
CEP-V-4A 2	24.0" BFLY SUPP. CHAMBER EXHAUST R 495 H.5/5.4	68	361105	M		2 3		0 1				N
CEP-V-4A+ 1	COMPOSITE FOR VALVE CEP-V-4A H.5/5.7	68	B250			DWG A-206764						
CEP-V-4B 2	2.0" GATE CEP-V-4A BYPASS R 495 H.5/5.7	68	361402	T		2 3		0 1				N
CEP-V-4B+ 1	COMPOSITE FOR VALVE CEP-V-4B H.5/5.7	68	I208			V-502L-119A						
CIA-V-20	.75" GLB. (MO) OUTERMOST ISOLATION	215	361201	M		1 3		0 1		36		N

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR NRC-SORT

DATE 05/25/81 PAGE

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	UID	QS	USE	TEST MFG MODEL NO.	AVL	F/U	C	FREQ	TM	HL
CRA-CC-2A 2	FOR CRA-FC-2A COJL. COIL C 545 0 D AZ R23	67 C784	037001	M	3 3		0 1			21		Y
CRA-CC-2B 2	FOR CRA-FC-2B COJL. COIL C 541 217 D AZ R23	67 C780	037001	M	3 3		0 1			21		Y
CRA-FC-1A 2	LOWER LEVEL FAN COIL UNIT C 501 64 D AZ R30	67 P295	130004	M	3 3	AX-560 3 3	0 1			21	F	Y
CRA-FC-1A* 1	LOWER LEVEL FAN COIL UNIT C 501 64 D AZ R30											
CRA-FC-1B 2	LOWER LEVEL FAN COIL UNIT C 501 184 D AZ R30	67 P295	130004	M	3 3	AX-560 3 3	0 1			21	F	Y
CRA-FC-1B* 1	LOWER LEVEL FAN COIL UNIT C 501 184 D AZ R30											
CRA-FC-1C 2	LOWER LEVEL FAN COIL UNIT C 501 273 D AZ R30	67 P295	130004	M	3 3	AX-560 3 3	0 1			21	F	Y
CRA-FC-1C* 1	LOWER LEVEL FAN COIL UNIT C 501 273 D AZ R30											
CRA-FC-2A 2	UPPER LEVEL FAN COIL UNIT C 545 0 D AZ R23	67 P295	130004	M	3 3	AX-560 3 3	0 1			21		Y
CRA-FC-2A* 1	UPPER LEVEL FAN COIL UNIT C 545 0 D AZ R23											
CRA-FC-2B 2	UPPER LEVEL FAN COIL UNIT C 541 217 D AZ R23	67 P295	130004	M	3 3	AX-560 3 3	0 1			21		Y
CRA-FC-2B* 1	UPPER LEVEL FAN COIL UNIT C 541 217 D AZ R23											
CRA-FL-1A 2	CONST PERIOD ONLY FILTER CRA-FC-1A C 501 K2/4.8	67 P295		M	3 3		0 1			21		Y
CRA-FL-1B 2	CONST PERIOD ONLY FILTER CRA-FC-1B C 501 M5/6	67 P295		M	3 3		0 1			21		Y
CRA-FL-1C 2	CONST PERIOD ONLY FILTER CRA-FC-1C C 501 K8/7.7	67 P295		M	3 3		0 1			21		Y
CRA-FL-2A 2	CONST PERIOD ONLY FILTER CRA-FC-2A C 541 K/6-1	67 P295		M	3 3		0 1			21*		Y
CRA-FL-2B 2	CONST PERIOD ONLY FILTER CRA-FC-2B C 541 L8/6.6	67 P295		M	3 3		0 1			21*		Y
CRA-FN-1A1 2	PRI CONT FAN MC-7B ALL C 506 62 D AZ R30	67 J127	145015	M	3 3	36-26 1/2-1170	0 1			40	F	Y
CRA-FN-1A2 2	PRI CONT FAN MC-7B ALL C 506 66 D AZ R30	67 J127	145015	M	3 3	36-26 1/2-1170/1170	0 1			64	F	Y
CRA-FN-1B1 2	PRI CONT FAN MC-9B ALL C 506 182 D AZ R30	67 J127	145015	M	3 3	36-26 1/2-1170	0 1			40	F	Y
CRA-FN-1B2 2	PRI CONT FAN MC-3B ALL C 506 186 D AZ R30	67 J127	145015	M	3 3	36-26 1/2-1170/1170	0 1			64	F	Y
CRA-FN-1C1 2	PRI CONT FAN MC-9B ALL C 506 271 D AZ R30	67 J127	145015	M	3 3	36-26 1/2-1170	0 1			40	F	Y
CRA-FN-1C2 2	PRI CONT FAN MC-3B ALL C 506 275 D AZ R30	67 J127	145015	M	3 3	36-26 1/2-1170/1170	0 1			64		Y
CRA-FN-2A1 2	PRI CONT FAN MC-7B ALL C 551 358 D AZ R23	67 J127	145019	M	3 3	38-261/2-1170	0 1			52		Y
CRA-FN-2A2 2	PRI CONT FAN MC-9B ALL	67	145020	M	3 3		0 1			77		Y

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR NRC-SQRT

DATE 09/25/81 PAGE

EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT NO.	QID	QS	USE MFG MODEL NO.	TEST MFG MODEL NO.	ANL	F70	C	FRQ	TM	HL
2 CRA-FN-2B1	C 551 2 D AZ R25 PRI CONT FAN MC-9B ALL	67 J127	145019	M	23 174-17 1/2-3450 3 3	1/2-3450	0 1			52		
2 CRA-FN-2B2	C 547 215 D AZ R25 PRI CONT FAN MC 1B ALL	67 J127	145020	M	38-261.2-177 3 3		0 1			32		
2 CRA-FN-3A	C 547 219 D AZ R25 LOWER LEVEL RECIRC. FAN MC-7B	22 J127	145001	M	23 174-17 1/2-3450 3 3		0 1				F	Y
1 CRA-FN-3A+	C 534 50 D AZ R17	J127			500722-112 3 3							
2 CRA-FN-3B	C 534 50 D AZ R17 LOWER LEVEL RECIRC. FAN MC-8B	22A J127	145001	M	3 3		0 1				F	Y
2 CRA-FN-3B+	C 534 140 D AZ R17	J127			500722-112 3 3							
1 CRA-FN-3C	C 534 140 D AZ R17	J127			3 3							
2 CRA-FN-3C+	C 534 60 D AZ R17 LOWER LEVEL RECIRC. FAN MC-8B	22A J127	145001	M	3 3		0 1				F	Y
1 CRA-FN-4A	C 534 60 D AZ R17	J127			500722-112 3 3							
2 CRA-FN-4A+	C 572 330 D AZ R17 RETURN AIR FAN MC-7B	22A J127	145002		3 3		0 1			71	F	Y
1 CRA-FN-4B	C 572 330 D AZ R17	J127			500722-113 3 3							
2 CRA-FN-4B+	C 572 206 D AZ R17 RETURN AIR FAN MC-8B	22A J127	145002		3 3		0 1			71	F	Y
1 CRA-FN-5A	C 572 206 D AZ R17	J127			500722-113 3 3							
2 CRA-FN-5A+	C 572 180 D AZ R17 UPPER LEVEL RECIRC. FAN MC-7B	22A J127	145001	M	3 3		0 1				F	Y
1 CRA-FN-5B	C 572 180 D AZ R17 COMPOSITE OF CRA-FN-5A	J127			1388009-8 3 3							
2 CRA-FN-5B+	C 572 20 D AZ R17 UPPER LEVEL RECIRC. FAN MC-8B	22A J127	145001	M	3 3		0 1				F	Y
1 CRA-FN-5C	C 572 20 D AZ R17 COMPOSITE OF CRA-FN-5B	J127			1388009-8 3 3							
2 CRA-FN-5C+	C 572 270 D AZ R17 UPPER LEVEL RECIRC. FAN MC-7B	22A J127	145001	M	3 3		0 1				F	Y
1 CRA-FN-5D	C 572 270 D AZ R17	J127			1388009-8 3 3							
2 CRA-FN-5D+	C 572 90 D AZ R17 UPPER LEVEL RECIRC. FAN MC-8B	22A J127	145001	M	3 3		0 1				F	Y
1 CRD-A0-2A	C 572 90 D AZ R17 AIR OPERATOR CRD-FCV-2A	02			1388009-8 3 3							
2 CRD-A0-2B	R 524 M.6/3.5 AIR OPERATOR CRD-FCV-2B	02			2 1							
2 CRD-DRVE-0219	R 524 M.6/3.5 DRIVE ASSM. CNTRL. ROD DR.	02B13	092001	A	1 3	1 1	0 2					Y
2 CRD-DRVE-0223	C 501 UNDER VESSEL DRIVE ASSM. CNTRL. ROD DR.	G08J			7RDB144C							Y
2	C 501 UNDER VESSEL	02B13	092001	A	1 3	1 1	0 2					Y
		G08J			7RDB144C							

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR NRC-SGRT

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE	TEST MFG MODEL NO.	A/L	F/O	C	FREQ	TM	HL
CRD-DRVE-0227 2	DRIVE CNTRL. ROD DR. C 501 UNDER VESSEL	02813 G080	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-0231 2	DRIVE CNTRL. ROD DR. C 501 UNDER VESSEL	02813 G080	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-0235 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02813 G080	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-0239 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02813 G080	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-0243 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02813 G080	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-0615 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02813 G080	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-0619 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02813 G080	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-0623 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02813 G080	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-0627 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02813 G080	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-0631 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02813 G080	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-0635 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02813 G080	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-0639 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02813 G080	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-0643 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02813 G080	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-0647 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02813 G080	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-1011 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02813 G080	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-1015 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02813 G080	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-1019 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02813 G080	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-1023 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02813 G080	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-1027 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02813 G080	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-1031 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02813 G080	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-1035 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02813 G080	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-1039 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02813 G080	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-1043 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02813 G080	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-1047 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02813 G080	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-1051 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02813 G080	092001	A	1 3	1 1	0 2					Y

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE	TEST MFG MODEL N°.	ANL	F/O	C	FREQ	TM	HL
2	C 501 UNDER VESSEL	G080				7RDB144C						
CRD-DRVE-1407	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G080	092001	A		1 3	1 1	0 2				Y
2	C 501 UNDER VESSEL	G080				7RDB144C						
CRD-DRVE-1411	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G080	092001	A		1 3	1 1	0 2				Y
2	C 501 UNDER VESSEL	G080				7RDB144C						
CRD-DRVE-1415	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G080	092001	A		1 3	1 1	0 2				Y
2	C 501 UNDER VESSEL	G080				7RDB144C						
CRD-DRVE-1419	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G080	092001	A		1 3	1 1	0 2				Y
2	C 501 UNDER VESSEL	G080				7RDB144C						
CRD-DRVE-1423	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G080	092001	A		1 3	1 1	0 2				Y
2	C 501 UNDER VESSEL	G080				7RDB144C						
CRD-DRVE-1427	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G080	092001	A		1 3	1 1	0 2				Y
2	C 501 UNDER VESSEL	G080				7RDB144C						
CRD-DRVE-1431	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G080	092001	A		1 3	1 1	0 2				Y
2	C 501 UNDER VESSEL	G080				7RDB144C						
CRD-DRVE-1435	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G080	092001	A		1 3	1 1	0 2				Y
2	C 501 UNDER VESSEL	G080				7RDB144C						
CRD-DRVE-1439	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G080	092001	A		1 3	1 1	0 2				Y
2	C 501 UNDER VESSEL	G080				7RDB144C						
CRD-DRVE-1443	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G080	092001	A		1 3	1 1	0 2				Y
2	C 501 UNDER VESSEL	G080				7RDB144C						
CRD-DRVE-1447	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G080	092001	A		1 3	1 1	0 2				Y
2	C 501 UNDER VESSEL	G080				7RDB144C						
CRD-DRVE-1451	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G080	092001	A		1 3	1 1	0 2				Y
2	C 501 UNDER VESSEL	G080				7RDB144C						
CRD-DRVE-1455	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G080	092001	A		1 3	1 1	0 2				Y
2	C 501 UNDER VESSEL	G080				7RDB144C						
CRD-DRVE-1803	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G080	092001	A		1 3	1 1	0 2				Y
2	C 501 UNDER VESSEL	G080				7RDB144C						
CRD-DRVE-1807	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G080	092001	A		1 3	1 1	0 2				Y
2	C 501 UNDER VESSEL	G080				7RDB144C						
CRD-DRVE-1811	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G080	092001	A		1 3	1 1	0 2				Y
2	C 501 UNDER VESSEL	G080				7RDB144C						
CRD-DRVE-1815	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G080	092001	A		1 3	1 1	0 2				Y
2	C 501 UNDER VESSEL	G080				7RDB144C						
CRD-DRVE-1819	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G080	092001	A		1 3	1 1	0 2				Y
2	C 501 UNDER VESSEL	G080				7RDB144C						
CRD-DRVE-1823	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G080	092001	A		1 3	1 1	0 2				Y
2	C 501 UNDER VESSEL	G080				7RDB144C						
CRD-DRVE-1827	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G080	092001	A		1 3	1 1	0 2				Y
2	C 501 UNDER VESSEL	G080				7RDB144C						
CRD-DRVE-1831	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G080	092001	A		1 3	1 1	0 2				Y
2	C 501 UNDER VESSEL	G080				7RDB144C						
CRD-DRVE-1835	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G080	092001	A		1 3	1 1	0 2				Y
2	C 501 UNDER VESSEL	G080				7RDB144C						
CRD-DRVE-1839	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G080	092001	A		1 3	1 1	0 2				Y
2	C 501 UNDER VESSEL	G080				7RDB144C						
CRD-DRVE-1843	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G080	092001	A		1 3	1 1	0 2				Y
2	C 501 UNDER VESSEL	G080				7RDB144C						

EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE	TEST MFG MODEL NO.	AVL	F/O	C	FREQ	IN	HL
CRD-DRVE-1847 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G083	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-1851 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G080	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-1855 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G080	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-1859 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G080	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-2203 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G080	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-2207 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G083	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-2211 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G080	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-2215 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G080	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-2219 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G080	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-2223 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G083	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-2227 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G083	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-2231 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G080	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-2235 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G080	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-2239 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G080	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-2243 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G080	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-2247 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G080	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-2251 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G083	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-2255 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G080	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-2259 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G080	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-2603 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G083	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-2607 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G080	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-2611 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G080	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-2615 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G083	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-2619 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G080	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-2623 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G080	092001	A	1 3	1 1	0 2					Y

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE	TEST MFG MODEL NO.	ANL	F70	C	FREQ	TM	HL
2 CRD-DRVE-2627	C 501 UNDER VESSEL DRIVE ASSM. CNTRL. ROD DR.	G080 02B13	092001	A	7RDB144C 1 3	1 1	0 2					
2 CRD-DRVE-2631	C 501 UNDER VESSEL DRIVE ASSM. CNTRL. ROD DR.	G080 02B13	092001	A	7RDB144C 1 3	1 1	0 2					
2 CRD-DRVE-2635	C 501 UNDER VESSEL DRIVE ASSM. CNTRL. ROD DR.	G080 02B13	092001	A	7RDB144C 1 3	1 1	0 2					
2 CRD-DRVE-2639	C 501 UNDER VESSEL DRIVE ASSM. CNTRL. ROD DR.	G090 02B13	092001	A	7RDB144C 1 3	1 1	0 2					
2 CRD-DRVE-2643	C 501 UNDER VESSEL DRIVE ASSM. CNTRL. ROD DR.	G091 02B13	092001	A	7RDB144C 1 3	1 1	0 2					
2 CRD-DRVE-2647	C 501 UNDER VESSEL DRIVE ASSM. CNTRL. ROD DR.	G080 02B13	092001	A	7RDB144C 1 3	1 1	0 2					
2 CRD-DRVE-2651	C 501 UNDER VESSEL DRIVE ASSM. CNTRL. ROD DR.	G080 02B13	092001	A	7RDB144C 1 3	1 1	0 2					
2 CRD-DRVE-2654	C 501 UNDER VESSEL DRIVE ASSM. CNTRL. ROD DR.	G093 02B13	092001	A	7RDB144C 1 3	1 1	0 2					
2 CRD-DRVE-2659	C 501 UNDER VESSEL DRIVE ASSM. CNTRL. ROD DR.	G080 02B13	092001	A	7RDB144C 1 3	1 1	0 2					
2 CRD-DRVE-3003	C 501 UNDER VESSEL DRIVE ASSM. CNTRL. ROD DR.	G080 02B13	092001	A	7RDB144C 1 3	1 1	0 2					
2 CRD-DRVE-3007	C 501 UNDER VESSEL DRIVE ASSM. CNTRL. ROD DR.	G080 02B13	092001	A	7RDB144C 1 3	1 1	0 2					
2 CRD-DRVE-3011	C 501 UNDER VESSEL DRIVE ASSM. CNTRL. ROD DR.	G080 02B13	092001	A	7RDB144C 1 3	1 1	0 2					
2 CRD-DRVE-3015	C 501 UNDER VESSEL DRIVE ASSM. CNTRL. ROD DR.	G080 02B13	092001	A	7RDB144C 1 3	1 1	0 2					
2 CRD-DRVE-3019	C 501 UNDER VESSEL DRIVE ASSM. CNTRL. ROD DR.	G080 02B13	092001	A	7RDB144C 1 3	1 1	0 2					
2 CRD-DRVE-3023	C 501 UNDER VESSEL DRIVE ASSM. CNTRL. ROD DR.	G080 02B13	092001	A	7RDB144C 1 3	1 1	0 2					
2 CRD-DRVE-3027	C 501 UNDER VESSEL DRIVE ASSM. CNTRL. ROD DR.	G080 02B13	092001	A	7RDB144C 1 3	1 1	0 2					
2 CRD-DRVE-3031	C 501 UNDER VESSEL DRIVE ASSM. CNTRL. ROD DR.	G080 02B13	092001	A	7RDB144C 1 3	1 1	0 2					
2 CRD-DRVE-3035	C 501 UNDER VESSEL DRIVE ASSM. CNTRL. ROD DR.	G080 02B13	092001	A	7RDB144C 1 3	1 1	0 2					
2 CRD-DRVE-3039	C 501 UNDER VESSEL DRIVE ASSM. CNTRL. ROD DR.	G080 02B13	092001	A	7RDB144C 1 3	1 1	0 2					
2 CRD-DRVE-3043	C 501 UNDER VESSEL DRIVE ASSM. CNTRL. ROD DR.	G090 02B13	092001	A	7RDB144C 1 3	1 1	0 2					
2 CRD-DRVE-3047	C 501 UNDER VESSEL DRIVE ASSM. CNTRL. ROD DR.	G080 02B13	092001	A	7RDB144C 1 3	1 1	0 2					
2 CRD-DRVE-3051	C 501 UNDER VESSEL DRIVE ASSM. CNTRL. ROD DR.	G080 02B13	092001	A	7RDB144C 1 3	1 1	0 2					
2 CRD-DRVE-3055	C 501 UNDER VESSEL DRIVE ASSM. CNTRL. ROD DR.	G080 02B13	092001	A	7RDB144C 1 3	1 1	0 2					
2 CRD-DRVE-3059	C 501 UNDER VESSEL DRIVE ASSM. CNTRL. ROD DR.	G080 02B13	092001	A	7RDB144C 1 3	1 1	0 2					

EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	UID	QS	USE	TEST MFG MODEL NO.	ANL	F/O	C	FREQ	TA	HL
CRD-DRVE-3403 2	DRIVE ASSY. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G083	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-3407 2	DRIVE ASSY. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G083	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-3411 2	DRIVE ASSY. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G083	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-3415 2	DRIVE ASSY. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G083	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-3419 2	DRIVE ASSY. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G083	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-3423 2	DRIVE ASSY. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G083	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-3427 2	DRIVE ASSY. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G083	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-3431 2	DRIVE ASSY. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G083	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-3435 2	DRIVE ASSY. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G083	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-3439 2	DRIVE ASSY. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G083	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-3443 2	DRIVE ASSY. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G083	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-3447 2	DRIVE ASSY. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G083	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-3451 2	DRIVE ASSY. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G083	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-3455 2	DRIVE ASSY. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G083	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-3459 2	DRIVE ASSY. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G083	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-3803 2	DRIVE ASSY. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G083	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-3807 2	DRIVE ASSY. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G083	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-3811 2	DRIVE ASSY. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G083	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-3815 2	DRIVE ASSY. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G083	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-3819 2	DRIVE ASSY. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G083	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-3823 2	DRIVE ASSY. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G083	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-3827 2	DRIVE ASSY. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G083	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-3831 2	DRIVE ASSY. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G083	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-3835 2	DRIVE ASSY. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G083	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-3839 2	DRIVE ASSY. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G083	092001	A	1 3	1 1	0 2					Y

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT NO.	QID	QS	USE	TEST REF. MODEL NO.	ANL	F/U	C	FREQ	TH	HL
2 CRD-DRVE-3843	C 501 UNDER VESSEL DRIVE ASSM. CNTRL. ROD DR.	G090 J2B13	092001	A		7RDB144C 1 3	1 1	0 2				Y
2 CRD-DRVE-3847	C 501 UNDER VESSEL DRIVE ASSM. CNTRL. ROD DR.	G090 02B13	092001	A		7RDB144C 1 3	1 1	0 2				Y
2 CRD-DRVE-3851	C 501 UNDER VESSEL DRIVE ASSM. CNTRL. ROD DR.	G090 02B13	092001	A		7RDB144C 1 3	1 1	0 2				Y
2 CRD-DRVE-3855	C 501 UNDER VESSEL DRIVE ASSM. CNTRL. ROD DR.	G090 02B13	092001	A		7RDB144C 1 3	1 1	0 2				Y
2 CRD-DRVE-3859	C 501 UNDER VESSEL DRIVE ASSM. CNTRL. ROD DR.	G090 02B13	092001	A		7RDB144C 1 3	1 1	0 2				Y
2 CRD-DRVE-4203	C 501 UNDER VESSEL DRIVE ASSM. CNTRL. ROD DR.	G090 02B13	092001	A		7RDB144C 1 3	1 1	0 2				Y
2 CRD-DRVE-4207	C 501 UNDER VESSEL DRIVE ASSM. CNTRL. ROD DR.	G090 02B13	092001	A		7RDB144C 1 3	1 1	0 2				Y
2 CRD-DRVE-4211	C 501 UNDER VESSEL DRIVE ASSM. CNTRL. ROD DR.	G090 02B13	092001	A		7RDB144C 1 3	1 1	0 2				Y
2 CRD-DRVE-4215	C 501 UNDER VESSEL DRIVE ASSM. CNTRL. ROD DR.	G090 02B13	092001	A		7RDB144C 1 3	1 1	0 2				Y
2 CRD-DRVE-4219	C 501 UNDER VESSEL DRIVE ASSM. CNTRL. ROD DR.	G090 02B13	092001	A		7RDB144C 1 3	1 1	0 2				Y
2 CRD-DRVE-4223	C 501 UNDER VESSEL DRIVE ASSM. CNTRL. ROD DR.	G090 02B13	092001	A		7RDB144C 1 3	1 1	0 2				Y
2 CRD-DRVE-4227	C 501 UNDER VESSEL DRIVE ASSM. CNTRL. ROD DR.	G090 02B13	092001	A		7RDB144C 1 3	1 1	0 2				Y
2 CRD-DRVE-4231	C 501 UNDER VESSEL DRIVE ASSM. CNTRL. ROD DR.	G090 02B13	092001	A		7RDB144C 1 3	1 1	0 2				Y
2 CRD-DRVE-4235	C 501 UNDER VESSEL DRIVE ASSM. CNTRL. ROD DR.	G090 02B13	092001	A		7RDB144C 1 3	1 1	0 2				Y
2 CRD-DRVE-4239	C 501 UNDER VESSEL DRIVE ASSM. CNTRL. ROD DR.	G090 02B13	092001	A		7RDB144C 1 3	1 1	0 2				Y
2 CRD-DRVE-4243	C 501 UNDER VESSEL DRIVE ASSM. CNTRL. ROD DR.	G090 02B13	092001	A		7RDB144C 1 3	1 1	0 2				Y
2 CRD-DRVE-4247	C 501 UNDER VESSEL DRIVE ASSM. CNTRL. ROD DR.	G090 02B13	092001	A		7RDB144C 1 3	1 1	0 2				Y
2 CRD-DRVE-4251	C 501 UNDER VESSEL DRIVE ASSM. CNTRL. ROD DR.	G090 02B13	092001	A		7RDB144C 1 3	1 1	0 2				Y
2 CRD-DRVE-4255	C 501 UNDER VESSEL DRIVE ASSM. CNTRL. ROD DR.	G090 02B13	092001	A		7RDB144C 1 3	1 1	0 2				Y
2 CRD-DRVE-4259	C 501 UNDER VESSEL DRIVE ASSM. CNTRL. ROD DR.	G090 02B13	092001	A		7RDB144C 1 3	1 1	0 2				Y
2 CRD-DRVE-4607	C 501 UNDER VESSEL DRIVE ASSM. CNTRL. ROD DR.	G090 02B13	092001	A		7RDB144C 1 3	1 1	0 2				Y
2 CRD-DRVE-4611	C 501 UNDER VESSEL DRIVE ASSM. CNTRL. ROD DR.	G090 02B13	092001	A		7RDB144C 1 3	1 1	0 2				Y
2 CRD-DRVE-4615	C 501 UNDER VESSEL DRIVE ASSM. CNTRL. ROD DR.	G090 02B13	092001	A		7RDB144C 1 3	1 1	0 2				Y
2 CRD-DRVE-4619	C 501 UNDER VESSEL DRIVE ASSM. CNTRL. ROD DR.	G090 02B13	092001	A		7RDB144C 1 3	1 1	0 2				Y

EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	MS	USE	TEST MFG MODEL NO.	A/L	F/O	C	FREQ	TH	HL
CRD-DRVE-4623 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G093	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-4627 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G08J	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-4631 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G090	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-4635 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G080	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-4639 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G08J	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-4643 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G08J	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-4647 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G08J	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-4651 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G080	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-4655 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G08J	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-5011 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G09J	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-5015 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G090	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-5019 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G080	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-5023 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G09J	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-5027 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G08J	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-5031 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G08J	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-5035 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G080	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-5039 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G08J	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-5043 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G080	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-5047 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G08J	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-5051 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G080	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-5415 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G080	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-5419 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G08J	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-5423 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G080	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-5427 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G08J	092001	A	1 3	1 1	0 2					Y
CRD-DRVE-5431 2	DRIVE ASSM. CNTRL. ROD DR. C 501 UNDER VESSEL	02B13 G08J	092001	A	1 3	1 1	0 2					Y

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SAFETY RELATED EQUIPMENT LIST FOR WRC-SURT

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE	TEST MFG MODEL NO.	AVL	F70	C	FREQ	TM	HL
2	C 501 UNDER VESSEL	G081				7R0B144C						
CRD-DRVE-5435	DRIVE ASSM. CNTRL. ROD DR.	02B13	092001	A		1 3	1 1	0 2				Y
2	C 501 UNDER VESSEL	G080				7R0B144C						
CRD-DRVE-5437	DRIVE ASSM. CNTRL. ROD DR.	02B13	092001	A		1 3	1 1	0 2				Y
2	C 501 UNDER VESSEL	G031				7R0B144C						
CRD-DRVE-5445	DRIVE ASSM. CNTRL. ROD DR.	02B13	092001	A		1 3	1 1	0 2				Y
2	C 501 UNDER VESSEL	G080				7R0B144C						
CRD-DRVE-5447	DRIVE ASSM. CNTRL. ROD DR.	02B13	092001	A		1 3	1 1	0 2				Y
2	C 501 UNDER VESSEL	G080				7R0B144C						
CRD-DRVE-5819	DRIVE ASSM. CNTRL. ROD DR.	02B13	092001	A		1 3	1 1	0 2				Y
2	C 501 UNDER VESSEL	G090				7R0B144C						
CRD-DRVE-5825	DRIVE ASSM. CNTRL. ROD DR.	02B13	092001	A		1 3	1 1	0 2				Y
2	C 501 UNDER VESSEL	G080				7R0B144C						
CRD-DRVE-5827	DRIVE ASSM. CNTRL. ROD DR.	02B13	092001	A		1 3	1 1	0 2				Y
2	C 501 UNDER VESSEL	G080				7R0B144C						
CRD-DRVE-5831	DRIVE ASSM. CNTRL. ROD DR.	02B13	092001	A		1 3	1 1	0 2				Y
2	C 501 UNDER VESSEL	G080				7R0B144C						
CRD-DRVE-5835	DRIVE ASSM. CNTRL. ROD DR.	02B13	092001	A		1 3	1 1	0 2				Y
2	C 501 UNDER VESSEL	G080				7R0B144C						
CRD-DRVE-5839	DRIVE ASSM. CNTRL. ROD DR.	02B13	092001	A		1 3	1 1	0 2				Y
2	C 501 UNDER VESSEL	G080				7R0B144C						
CRD-DRVE-5843	DRIVE ASSM. CNTRL. ROD DR.	02B13	092001	A		1 3	1 1	0 2				Y
2	C 501 UNDER VESSEL	G080				7R0B144C						
CRD-FCV-2A	1.5" GLOBE (A0) CRD FLOW CONTROL	02C12	133007			2 3						
2	R 523 M.673.5	H035				V-501L-1A						
CRD-FCV-2A+						2 3						
1	R 523 M.673.5											
CRD-FCV-2B	1.5" GLOBE (A0) CRD FLOW CONTROL	02C12	133007			2 3						
2	R 523 M.673.5	H035				V-501L-1A						
CRD-FCV-2B+						2 3						
1	R 523 M.673.5											
CRD-HCU-0219	CRD HYDRAULIC CONTROL UNIT ASSY	02C12	167001	B		1 3	1 1	0 2			02	Y
1	R 522 L578.4	G080				761E500G1						
CRD-HCU-0223	CRD HYDRAULIC CONTROL UNIT ASSY	02C12	167001	B		1 3	1 1	0 2			02	Y
1	R 522 L578.4	G080				761E500G1						
CRD-HCU-0227	CRD HYDRAULIC CONTROL UNIT ASSY	02C12	167001	B		1 3	1 1	0 2			02	Y
1	R 522 L578.4	G080				761E500G1						
CRD-HCU-0231	CRD HYDRAULIC CONTROL UNIT ASSY	02C12	167001	B		1 3	1 1	0 2			02	Y
1	R 522 L578.4	G080				761E500G1						
CRD-HCU-0235	CRD HYDRAULIC CONTROL UNIT ASSY	02C12	167001	B		1 3	1 1	0 2			02	Y
1	R 522 K278.4	G080				761E500G1						
CRD-HCU-0239	CRD HYDRAULIC CONTROL UNIT ASSY	02C12	167001	B		1 3	1 1	0 2			02	Y
1	R 522 K278.4	G080				761E500G1						
CRD-HCU-0243	CRD HYDRAULIC CONTROL UNIT ASSY	02C12	167001	B		1 3	1 1	0 2			02	Y
1	R 522 K278.4	G080				761E500G1						
CRD-HCU-0615	CRD HYDRAULIC CONTROL UNIT ASSY	02C12	167001	B		1 3	1 1	0 2			02	Y
1	R 522 L578.4	G080				761E500G1						
CRD-HCU-0619	CRD HYDRAULIC CONTROL UNIT ASSY	02C12	167001	B		1 3	1 1	0 2			02	Y
1	R 522 L578.4	G080				761E500G1						

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR NRC-SURT

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EQUIPMENT No. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE	TEST AFG MODEL NO.	ANL	F/O	C	FREQ	IM	HL
CRD-HCU-0623 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 L5/B.4	02C12 G080	167001	B	1 3	1 1	0 2			02		Y
CRD-HCU-0627 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 L5/B.4	02C12 G080	167001	B	1 3	1 1	0 2			02		Y
CRD-HCU-0631 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 L5/B.4	02C12 G080	167001	B	1 3	1 1	0 2			02		Y
CRD-HCU-0635 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 K2/B.4	02C12 G080	167001	B	1 3	1 1	0 2			02		Y
CRD-HCU-0639 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 K2/B.4	02C12 G080	167001	B	1 3	1 1	0 2			02		Y
CRD-HCU-0643 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 K2/B.4	02C12 G080	167001	B	1 3	1 1	0 2			02		Y
CRD-HCU-0647 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 K2/B.4	02C12 G080	167001	B	1 3	1 1	0 2			02		Y
CRD-HCU-1011 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 L5/B.4	02C12 G080	167001	B	1 3	1 1	0 2			02		Y
CRD-HCU-1015 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 L5/B.4	02C12 G080	167001	B	1 3	1 1	0 2			02		Y
CRD-HCU-1019 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 L5/B.4	02C12 G080	167001	B	1 3	1 1	0 2			02		Y
CRD-HCU-1023 1	CRD HYDRAULIC CONTROL UNIT ASSY P 522 L5/B.4	02C12 G080	167001	B	1 3	1 1	0 2			02		Y
CRD-HCU-1027 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 L5/B.4	02C12 G080	167001	B	1 3	1 1	0 2			02		Y
CRD-HCU-1031 1	CRD HYDRAULIC CONTROL UNIT ASSY P 522 L5/B.4	02C12 G080	167001	B	1 3	1 1	0 2			02		Y
CRD-HCU-1035 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 K2/B.4	02C12 G080	167001	B	1 3	1 1	0 2			02		Y
CRD-HCU-1039 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 K2/B.4	02C12 G080	167001	B	1 3	1 1	0 2			02		Y
CRD-HCU-1043 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 K2/B.4	02C12 G080	167001	B	1 3	1 1	0 2			02		Y
CRD-HCU-1047 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 K2/B.4	02C12 G080	167001	B	1 3	1 1	0 2			02		Y
CRD-HCU-1051 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 K2/B.4	02C12 G080	167001	B	1 3	1 1	0 2			02		Y
CRD-HCU-1407 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 L5/B.4	02C12 G080	167001	B	1 3	1 1	0 2			02		Y
CRD-HCU-1411 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 L5/B.4	02C12 G080	167001	B	1 3	1 1	0 2			02		Y
CRD-HCU-1415 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 L5/B.4	02C12 G080	167001	B	1 3	1 1	0 2			02		Y
CRD-HCU-1419 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 L5/B.4	02C12 G080	167001	B	2 3	1 1	0 2			02		Y
CRD-HCU-1423 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 L5/B.4	02C12 G080	167001	B	1 3	1 1	0 2			02		Y
CRD-HCU-1427 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 L5/B.4	02C12 G080	167001	B	1 3	1 1	0 2			02		Y
CRD-HCU-1431 1	CRD HYDRAULIC CONTROL UNIT ASSY	02C12	167001	B	1 3	1 1	0 2			02		Y

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR NRC-SQRT

EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT NO.	QID	QS	USE	TEST MFG MODEL NO.	ANL	F/O	C	FREQ	TM	HL
1 CRD-HCU-1435	R 522 L5/B.4 CRD HYDRAULIC CONTROL UNIT ASSY	G080 02C12	167001	B		761E500G1 1 3 1 1	0 2			02		Y
1 CRD-HCU-1439	R 522 K2/B.4 CRD HYDRAULIC CONTROL UNIT ASSY	G080 02C12	167001	B		761E500G1 1 3 1 1	0 2			02		Y
1 CRD-HCU-1443	R 522 K2/B.4 CRD HYDRAULIC CONTROL UNIT ASSY	G080 02C12	167001	B		761E500G1 1 3 1 1	0 2			02		Y
1 CRD-HCU-1447	R 522 K2/B.4 CRD HYDRAULIC CONTROL UNIT ASSY	G080 02C12	167001	B		761E500G1 1 3 1 1	0 2			02		Y
1 CRD-HCU-1451	R 522 K2/B.4 CRD HYDRAULIC CONTROL UNIT ASSY	G080 02C12	167001	B		761E500G1 1 3 1 1	0 2			02		Y
1 CRD-HCU-1455	R 522 K2/B.4 CRD HYDRAULIC CONTROL UNIT ASSY	G080 02C12	167001	B		761E500G1 1 3 1 1	0 2			02		Y
1 CRD-HCU-1803	R 522 L5/B.4 CRD HYDRAULIC CONTROL UNIT ASSY	G080 02C12	167001	B		761E500G1 1 3 1 1	0 2			02		Y
1 CRD-HCU-1807	R 522 L5/B.4 CRD HYDRAULIC CONTROL UNIT ASSY	G080 02C12	167001	B		761E500G1 1 3 1 1	0 2			02		Y
1 CRD-HCU-1811	R 522 L5/B.4 CRD HYDRAULIC CONTROL UNIT ASSY	G080 02C12	167001	B		761E500G1 1 3 1 1	0 2			02		Y
1 CRD-HCU-1815	R 522 L5/B.4 CRD HYDRAULIC CONTROL UNIT ASSY	G080 02C12	167001	B		761E500G1 1 3 1 1	0 2			02		Y
1 CRD-HCU-1819	R 522 L5/B.4 CRD HYDRAULIC CONTROL UNIT ASSY	G080 02C12	167001	B		761E500G1 1 3 1 1	0 2			02		Y
1 CRD-HCU-1823	R 522 L5/B.4 CRD HYDRAULIC CONTROL UNIT ASSY	G080 02C12	167001	B		761E500G1 1 3 1 1	0 2			02		Y
1 CRD-HCU-1827	R 522 L5/B.4 CRD HYDRAULIC CONTROL UNIT ASSY	G080 02C12	167001	B		761E500G1 1 3 1 1	0 2			02		Y
1 CRD-HCU-1831	R 522 L5/B.4 CRD HYDRAULIC CONTROL UNIT ASSY	G080 02C12	167001	B		761E500G1 1 3 1 1	0 2			02		Y
1 CRD-HCU-1835	R 522 K2/B.4 CRD HYDRAULIC CONTROL UNIT ASSY	G080 02C12	167001	B		761E500G1 1 3 1 1	0 2			02		Y
1 CRD-HCU-1839	R 522 K2/B.4 CRD HYDRAULIC CONTROL UNIT ASSY	G080 02C12	167001	B		761E500G1 1 3 1 1	0 2			02		Y
1 CRD-HCU-1843	R 522 K2/B.4 CRD HYDRAULIC CONTROL UNIT ASSY	G080 02C12	167001	B		761E500G1 1 3 1 1	0 2			02		Y
1 CRD-HCU-1847	R 522 K2/B.4 CRD HYDRAULIC CONTROL UNIT ASSY	G080 02C12	167001	B		761E500G1 1 3 1 1	0 2			02		Y
1 CRD-HCU-1851	R 522 K2/B.4 CRD HYDRAULIC CONTROL UNIT ASSY	G080 02C12	167001	B		761E500G1 1 3 1 1	0 2			02		Y
1 CRD-HCU-1855	R 522 K2/B.4 CRD HYDRAULIC CONTROL UNIT ASSY	G080 02C12	167001	B		761E500G1 1 3 1 1	0 2			02		Y
1 CRD-HCU-1859	R 522 K2/B.4 CRD HYDRAULIC CONTROL UNIT ASSY	G080 02C12	167001	B		761E500G1 1 3 1 1	0 2			02		Y
1 CRD-HCU-2203	R 522 L5/B.4 CRD HYDRAULIC CONTROL UNIT ASSY	G080 02C12	167001	B		761E500G1 1 3 1 1	0 2			02		Y
1 CRD-HCU-2207	R 522 L5/B.4 CRD HYDRAULIC CONTROL UNIT ASSY	G080 02C12	167001	B		761E500G1 1 3 1 1	0 2			02		Y
1 CRD-HCU-2211	R 522 L5/B.4 CRD HYDRAULIC CONTROL UNIT ASSY	G080 02C12	167001	B		761E500G1 1 3 1 1	0 2			02		Y

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE TEST MFG MODEL NO.	ANL	F/W	C	FREQ	TM	HL
CRD-HCU-2215 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 L5/8.4	02C12 G080	167001	B	1 3 1 1 761E500G1	0 2			02		Y
CRD-HCU-2219 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 L5/8.4	02C12 G080	167001	B	1 3 1 1 761E500G1	0 2			02		Y
CRD-HCU-2223 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 L5/8.4	02C12 G080	167001	B	1 3 1 1 761E500G1	0 2			02		Y
CRD-HCU-2227 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 L5/8.4	02C12 G080	167001	B	1 3 1 1 761E500G1	0 2			02		Y
CRD-HCU-2231 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 L5/8.4	02C12 G080	167001	B	1 3 1 1 761E500G1	0 2			02		Y
CRD-HCU-2235 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 K2/8.4	02C12 G080	167001	B	1 3 1 1 761E500G1	0 2			02		Y
CRD-HCU-2239 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 K2/8.4	02C12 G080	167001	B	1 3 1 1 761E500G1	0 2			02		Y
CRD-HCU-2243 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 K2/8.4	02C12 G080	167001	B	1 3 1 1 761E500G1	0 2			02		Y
CRD-HCU-2247 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 K2/8.4	02C12 G080	167001	B	1 3 1 1 761E500G1	0 2			02		Y
CRD-HCU-2251 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 K2/8.4	02C12 G080	167001	B	1 3 1 1 761E500G1	0 2			02		Y
CRD-HCU-2255 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 K2/8.4	02C12 G080	167001	B	1 3 1 1 761E500G1	0 2			02		Y
CRD-HCU-2259 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 K2/8.4	02C12 G080	167001	B	1 3 1 1 761E500G1	0 2			02		Y
CRD-HCU-2603 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 L5/8.4	02C12 G080	167001	B	1 3 1 1 761E500G1	0 2			02		Y
CRD-HCU-2607 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 L5/8.4	02C12 G080	167001	B	1 3 1 1 761E500G1	0 2			02		Y
CRD-HCU-2611 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 L5/8.4	02C12 G080	167001	B	1 3 1 1 761E500G1	0 2			02		Y
CRD-HCU-2615 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 L5/8.4	02C12 G080	167001	B	1 3 1 1 761E500G1	0 2			02		Y
CRD-HCU-2619 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 L5/8.4	02C12 G080	167001	B	1 3 1 1 761E500G1	0 2			02		Y
CRD-HCU-2623 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 L5/8.4	02C12 G080	167001	B	1 3 1 1 761E500G1	0 2			02		Y
CRD-HCU-2627 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 L5/8.4	02C12 G080	167001	B	1 3 1 1 761E500G1	0 2			02		Y
CRD-HCU-2631 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 L5/8.4	02C12 G080	167001	B	1 3 1 1 761E500G1	0 2			02		Y
CRD-HCU-2635 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 K2/8.4	02C12 G080	167001	B	1 3 1 1 761E500G1	0 2			02		Y
CRD-HCU-2639 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 K2/8.4	02C12 G080	167001	B	1 3 1 1 761E500G1	0 2			02		Y
CRD-HCU-2643 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 K2/8.4	02C12 G080	167001	B	1 3 1 1 761E500G1	0 2			02		Y
CRD-HCU-2647 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 K2/8.4	02C12 G080	167001	B	1 3 1 1 761E500G1	0 2			02		Y
CRD-HCU-2651 1	CRD HYDRAULIC CONTROL UNIT ASSY	02C12	167001	B	1 3 1 1 761E500G1	0 2			02		Y

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT NO.	QID	QS	USE	TEST MFG MODEL NO.	ANL	F70	C	FREQ	TM	HL
1 CRD-HCU-2655	R 522 K2/8.4 CRD HYDRAULIC CONTROL UNIT ASSY	G080 02C12	167001	B		761E500G1 1 3 1 1	0 2			02		Y
1 CRD-HCU-2659	R 522 K2/8.4 CRD HYDRAULIC CONTROL UNIT ASSY	G080 02C12	167001	B		761E500G1 1 3 1 1	0 2			02		Y
1 CRD-HCU-3003	R 522 K2/8.4 CRD HYDRAULIC CONTROL UNIT ASSY	G080 02C12	167001	B		761E500G1 1 3 1 1	0 2			02		Y
1 CRD-HCU-3007	R 522 L5/8.4 CRD HYDRAULIC CONTROL UNIT ASSY	G080 02C12	167001	B		761E500G1 1 3 1 1	0 2			02		Y
1 CRD-HCU-3011	R 522 L5/8.4 CRD HYDRAULIC CONTROL UNIT ASSY	G080 02C12	167001	B		761E500G1 1 3 1 1	0 2			02		Y
1 CRD-HCU-3015	R 522 L5/8.4 CRD HYDRAULIC CONTROL UNIT ASSY	G080 02C12	167001	B		761E500G1 1 3 1 1	0 2			02		Y
1 CRD-HCU-3019	R 522 L5/8.4 CRD HYDRAULIC CONTROL UNIT ASSY	G080 02C12	167001	B		761E500G1 1 3 1 1	0 2			02		Y
1 CRD-HCU-3023	R 522 L5/8.4 CRD HYDRAULIC CONTROL UNIT ASSY	G080 02C12	167001	B		761E500G1 1 3 1 1	0 2			02		Y
1 CRD-HCU-3027	R 522 L5/8.4 CRD HYDRAULIC CONTROL UNIT ASSY	G080 02C12	167001	B		761E500G1 1 3 1 1	0 2			02		Y
1 CRD-HCU-3031	R 522 K2/3.7 CRD HYDRAULIC CONTROL UNIT ASSY	G080 02C12	167001	B		761E500G1 1 3 1 1	0 2			02		Y
1 CRD-HCU-3035	R 522 K2/3.7 CRD HYDRAULIC CONTROL UNIT ASSY	G080 02C12	167001	B		761E500G1 1 3 1 1	0 2			02		Y
1 CRD-HCU-3039	R 522 K2/3.7 CRD HYDRAULIC CONTROL UNIT ASSY	G080 02C12	167001	B		761E500G1 1 3 1 1	0 2			02		Y
1 CRD-HCU-3043	R 522 K2/3.7 CRD HYDRAULIC CONTROL UNIT ASSY	G080 02C12	167001	B		761E500G1 1 3 1 1	0 2			02		Y
1 CRD-HCU-3047	R 522 K2/3.7 CRD HYDRAULIC CONTROL UNIT ASSY	G080 02C12	167001	B		761E500G1 1 3 1 1	0 2			02		Y
1 CRD-HCU-3051	R 522 K2/3.7 CRD HYDRAULIC CONTROL UNIT ASSY	G080 02C12	167001	B		761E500G1 1 3 1 1	0 2			02		Y
1 CRD-HCU-3055	R 522 K2/3.7 CRD HYDRAULIC CONTROL UNIT ASSY	G080 02C12	167001	B		761E500G1 1 3 1 1	0 2			02		Y
1 CRD-HCU-3059	R 522 K2/3.7 CRD HYDRAULIC CONTROL UNIT ASSY	G080 02C12	167001	B		761E500G1 1 3 1 1	0 2			02		Y
1 CRD-HCU-3403	R 522 L5/3.7 CRD HYDRAULIC CONTROL UNIT ASSY	G080 02C12	167001	B		761E500G1 1 3 1 1	0 2			02		Y
1 CRD-HCU-3407	R 522 L5/3.7 CRD HYDRAULIC CONTROL UNIT ASSY	G080 02C12	167001	B		761E500G1 1 3 1 1	0 2			02		Y
1 CRD-HCU-3411	R 522 L5/3.7 CRD HYDRAULIC CONTROL UNIT ASSY	G080 02C12	167001	B		761E500G1 1 3 1 1	0 2			02		Y
1 CRD-HCU-3415	R 522 L5/3.7 CRD HYDRAULIC CONTROL UNIT ASSY	G080 02C12	167001	B		761E500G1 1 3 1 1	0 2			02		Y
1 CRD-HCU-3419	R 522 L5/3.7 CRD HYDRAULIC CONTROL UNIT ASSY	G080 02C12	167001	B		761E500G1 1 3 1 1	0 2			02		Y
1 CRD-HCU-3423	R 522 L5/3.7 CRD HYDRAULIC CONTROL UNIT ASSY	G080 02C12	167001	B		761E500G1 1 3 1 1	0 2			02		Y
1 CRD-HCU-3427	R 522 L5/3.7 CRD HYDRAULIC CONTROL UNIT ASSY	G080 02C12	167001	B		761E500G1 1 3 1 1	0 2			02		Y

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE	TEST MFG MODEL NO.	AVL	F70	C	FRCH	TH	HL
CRD-HCU-3431 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 K2/3.7	02C12 G083	167001	B	1 3	1 1 761E500G1	0 2			02		Y
CRD-HCU-3435 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 K2/3.7	02C12 G080	167001	B	1 3	1 1 761E500G1	0 2			02		Y
CRD-HCU-3439 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 K2/3.7	02C12 G080	167001	B	1 3	1 1 761E500G1	0 2			02		Y
CRD-HCU-3443 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 K2/3.7	02C12 G080	167001	B	1 3	1 1 761E500G1	0 2			02		Y
CRD-HCU-3447 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 K2/3.7	02C12 G080	167001	B	1 3	1 1 761E500G1	0 2			02		Y
CRD-HCU-3451 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 K2/3.7	02C12 G080	167001	B	1 3	1 1 761E500G1	0 2			02		Y
CRD-HCU-3455 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 K2/3.7	02C12 G080	167001	B	1 3	1 1 761E500G1	0 2			02		Y
CRD-HCU-3459 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 K2/3.7	02C12 G080	167001	B	1 3	1 1 761E500G1	0 2			02		Y
CRD-HCU-3803 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 L5/3.7	02C12 G080	167001	B	1 3	1 1 761E500G1	0 2			02		Y
CRD-HCU-3807 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 L5/3.7	02C12 G080	167001	B	1 3	1 1 761E500G1	0 2			02		Y
CRD-HCU-3811 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 L5/3.7	02C12 G080	167001	B	1 3	1 1 761E500G1	0 2			02		Y
CRD-HCU-3815 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 L5/3.7	02C12 G080	167001	B	1 3	1 1 761E500G1	0 2			02		Y
CRD-HCU-3819 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 L5/3.7	02C12 G080	167001	B	1 3	1 1 761E500G1	0 2			02		Y
CRD-HCU-3823 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 L5/3.7	02C12 G080	167001	B	1 3	1 1 761E500G1	0 2			02		Y
CRD-HCU-3827 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 L5/3.7	02C12 G080	167001	B	1 3	1 1 761E500G1	0 2			02		Y
CRD-HCU-3831 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 K2/3.7	02C12 G080	167001	B	1 3	1 1 761E500G1	0 2			02		Y
CRD-HCU-3835 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 K2/3.7	02C12 G080	167001	B	1 3	1 1 761E500G1	0 2			02		Y
CRD-HCU-3839 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 K2/3.7	02C12 G080	167001	B	1 3	1 1 761E500G1	0 2			02		Y
CRD-HCU-3843 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 K2/3.7	02C12 G080	167001	B	1 3	1 1 761E500G1	0 2			02		Y
CRD-HCU-3847 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 K2/3.7	02C12 G080	167001	B	1 3	1 1 761E500G1	0 2			02		Y
CRD-HCU-3851 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 K2/3.7	02C12 G080	167001	B	1 3	1 1 761E500G1	0 2			02		Y
CRD-HCU-3855 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 K2/3.7	02C12 G080	167001	B	1 3	1 1 761E500G1	0 2			02		Y
CRD-HCU-3859 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 K2/3.7	02C12 G080	167001	B	1 3	1 1 761E500G1	0 2			02		Y
CRD-HCU-4203 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 L5/3.7	02C12 G080	167001	B	1 3	1 1 761E500G1	0 2			02		Y
CRD-HCU-4207 1	CRD HYDRAULIC CONTROL UNIT ASSY	02C12	167001	B	1 3	1 1 761E500G1	0 2			02		Y

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE MFG MODEL NO.	TEST	ANL	F/O	C	FREQ	TM	HL
1	R 522 L5/3.7	G090			761E500G1							
CRD-HCU-4211	CRD HYDRAULIC CONTROL UNIT ASSY	02C12	167001	B	1 3	1 1	0 2			02		Y
1	R 522 L5/3.7	G080			761E500G1							
CRD-HCU-4215	CRD HYDRAULIC CONTROL UNIT ASSY	02C12	167001	B	1 3	1 1	0 2			02		Y
1	R 522 L5/3.7	G090			761E500G1							
CRD-HCU-4219	CRD HYDRAULIC CONTROL UNIT ASSY	02C12	167001	B	1 3	1 1	0 2			02		Y
1	R 522 L5/3.7	G090			761E500G1							
CRD-HCU-4223	CRD HYDRAULIC CONTROL UNIT ASSY	02C12	167001	B	1 3	1 1	0 2			02		Y
1	R 522 L5/3.7	G080			761E500G1							
CRD-HCU-4227	CRD HYDRAULIC CONTROL UNIT ASSY	02C12	167001	B	1 3	1 1	0 2			02		Y
1	R 522 L5/3.7	G090			761E500G1							
CRD-HCU-4231	CRD HYDRAULIC CONTROL UNIT ASSY	02C12	167001	B	1 3	1 1	0 2			02		Y
1	R 522 K2/3.7	G080			761E500G1							
CRD-HCU-4235	CRD HYDRAULIC CONTROL UNIT ASSY	02C12	167001	B	1 3	1 1	0 2			02		Y
1	R 522 K2/3.7	G080			761E500G1							
CRD-HCU-4239	CRD HYDRAULIC CONTROL UNIT ASSY	02C12	167001	B	1 3	1 1	0 2			02		Y
1	R 522 K2/3.7	G080			761E500G1							
CRD-HCU-4243	CRD HYDRAULIC CONTROL UNIT ASSY	02C12	167001	B	1 3	1 1	0 2			02		Y
1	R 522 K2/3.7	G080			761E500G1							
CRD-HCU-4247	CRD HYDRAULIC CONTROL UNIT ASSY	02C12	167001	B	1 3	1 1	0 2			02		Y
1	R 522 K2/3.7	G080			761E500G1							
CRD-HCU-4251	CRD HYDRAULIC CONTROL UNIT ASSY	02C12	167001	B	1 3	1 1	0 2			02		Y
1	R 522 K2/3.7	G080			761E500G1							
CRD-HCU-4255	CRD HYDRAULIC CONTROL UNIT ASSY	02C12	167001	B	1 3	1 1	0 2			02		Y
1	R 522 K2/3.7	G080			761E500G1							
CRD-HCU-4259	CRD HYDRAULIC CONTROL UNIT ASSY	02C12	167101	B	1 3	1 1	0 2			02		Y
1	R 522 K2/3.7	G080			761E500G1							
CRD-HCU-4607	CRD HYDRAULIC CONTROL UNIT ASSY	02C12	167001	B	1 3	1 1	0 2			02		Y
1	R 522 L5/3.7	G080			761E500G1							
CRD-HCU-4611	CRD HYDRAULIC CONTROL UNIT ASSY	02C12	167001	B	1 3	1 1	0 2			02		Y
1	R 522 L5/3.7	G080			761E500G1							
CRD-HCU-4615	CRD HYDRAULIC CONTROL UNIT ASSY	02C12	167001	B	1 3	1 1	0 2			02		Y
1	R 522 L5/3.7	G080			761E500G1							
CRD-HCU-4619	CRD HYDRAULIC CONTROL UNIT ASSY	02C12	167001	B	1 3	1 1	0 2			02		Y
1	R 522 L5/3.7	G090			761E500G1							
CRD-HCU-4623	CRD HYDRAULIC CONTROL UNIT ASSY	02C12	167001	B	1 3	1 1	0 2			02		Y
1	R 522 L5/3.7	G080			761E500G1							
CRD-HCU-4627	CRD HYDRAULIC CONTROL UNIT ASSY	02C12	167001	B	1 3	1 1	0 2			02		Y
1	R 522 L5/3.7	G080			761E500G1							
CRD-HCU-4631	CRD HYDRAULIC CONTROL UNIT ASSY	02C12	167001	B	1 3	1 1	0 2			02		Y
1	R 522 K2/3.7	G080			761E500G1							
CRD-HCU-4635	CRD HYDRAULIC CONTROL UNIT ASSY	02C12	167001	B	1 3	1 1	0 2			02		Y
1	R 522 K2/3.7	G080			761E500G1							
CRD-HCU-4639	CRD HYDRAULIC CONTROL UNIT ASSY	02C12	167001	B	1 3	1 1	0 2			02		Y
1	R 522 K2/3.7	G080			761E500G1							
CRD-HCU-4643	CRD HYDRAULIC CONTROL UNIT ASSY	02C12	167001	B	1 3	1 1	0 2			02		Y
1	R 522 K2/3.7	G080			761E500G1							
CRD-HCU-4647	CRD HYDRAULIC CONTROL UNIT ASSY	02C12	167001	B	1 3	1 1	0 2			02		Y
1	R 522 K2/3.7	G080			761E500G1							

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	UID	QS	USE	TEST MFG MODEL NO.	ANL	F/O	C	FREQ	TR	HL
CRD-HCU-4651 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 K2/3.7	02C12 G090	167001	B	1 3	1 1	0 2			02		Y
CRD-HCU-4655 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 K2/3.7	02C12 G090	167001	B	1 3	1 1	0 2			02		Y
CRD-HCU-5011 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 L5/3.7	02C12 G090	167001	B	1 3	1 1	0 2			02		Y
CRD-HCU-5015 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 L5/3.7	02C12 G090	167001	B	1 3	1 1	0 2			02		Y
CRD-HCU-5019 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 L5/3.7	02C12 G090	167001	B	1 3	1 1	0 2			02		Y
CRD-HCU-5023 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 L5/3.7	02C12 G090	167001	B	1 3	1 1	0 2			02		Y
CRD-HCU-5027 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 L5/3.7	02C12 G090	167001	B	1 3	1 1	0 2			02		Y
CRD-HCU-5031 1	CRD HYDRAULIC CONTROL UNIT ASSY K 522 K2/3.7	02C12 G090	167001	B	1 3	1 1	0 2			02		Y
CRD-HCU-5035 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 K2/3.7	02C12 G090	167001	B	1 3	1 1	0 2			02		Y
CRD-HCU-5039 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 K2/3.7	02C12 G090	167001	B	1 3	1 1	0 2			02		Y
CRD-HCU-5043 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 K2/3.7	02C12 G090	167001	B	1 3	1 1	0 2			02		Y
CRD-HCU-5047 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 K2/3.7	02C12 G090	167001	B	1 3	1 1	0 2			02		Y
CRD-HCU-5051 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 K2/3.7	02C12 G090	167001	B	1 3	1 1	0 2			02		Y
CRD-HCU-5415 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 L5/3.7	02C12 G090	167001	B	1 3	1 1	0 2			02		Y
CRD-HCU-5419 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 L5/3.7	02C12 G090	167001	B	1 3	1 1	0 2			02		Y
CRD-HCU-5423 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 L5/3.7	02C12 G090	167001	B	1 3	1 1	0 2			02		Y
CRD-HCU-5427 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 L5/3.7	02C12 G090	167001	B	1 3	1 1	0 2			02		Y
CRD-HCU-5431 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 K2/3.7	02C12 G090	167001	B	1 3	1 1	0 2			02		Y
CRD-HCU-5435 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 K2/3.7	02C12 G090	167001	B	1 3	1 1	0 2			02		Y
CRD-HCU-5439 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 K2/3.7	02C12 G090	167001	B	1 3	1 1	0 2			02		Y
CRD-HCU-5443 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 K2/3.7	02C12 G090	167001	B	1 3	1 1	0 2			02		Y
CRD-HCU-5447 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 K2/3.7	02C12 G090	167001	B	1 3	1 1	0 2			02		Y
CRD-HCU-5819 1	CRD HYDRAULIC CONTROL UNIT ASSY R 522 L5/3.7	02C12 G090	167001	B	1 3	1 1	0 2			02		Y
CRD-HCU-5823 1	CRD HYDRAULIC CONTROL UNIT ASSY K 522 L5/3.7	02C12 G090	167001	B	1 3	1 1	0 2			02		Y
CRD-HCU-5827 1	CRD HYDRAULIC CONTROL UNIT ASSY	02C12	167001	B	1 3	1 1	0 2			02		Y

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE	TEST AFG MODEL NO.	ANL	F70	C	FREQ	TM	HL
1 CRD-HCU-5831	R 522 L5/3.7 CRD HYDRAULIC CONTROL UNIT ASSY	G080 02C12	167001	B		761E50061 1 3						
1 CRD-HCU-5835	R 522 K2/3.7 CRD HYDRAULIC CONTROL UNIT ASSY	G080 02C12	167001	B		761E50061 1 3	1 1	0 2		02		Y
1 CRD-HCU-5839	R 522 K2/3.7 CRD HYDRAULIC CONTROL UNIT ASSY	G080 02C12	167001	B		761E50061 1 3	1 1	0 2		02		Y
1 CRD-HCU-5843	R 522 K2/3.7 CRD HYDRAULIC CONTROL UNIT ASSY	G080 02C12	167001	B		761E50061 1 3	1 1	0 2		02		Y
1 CRD-P-1A	R 522 K2/3.7 CONTROL ROD DRIVE PUMP SM-7	G080 02C12	233005			761E50061 1 3						
2 CRD-P-1A+	R 422 N.6/4.1 COMPOSITE FOR CRD-P-1A	U055				2X5MNB 1 3						
1 CRD-P-1B	R 422 N.6/4.1 CONTROL ROD DRIVE PUMP SM-8	U055				1 3						
2 CRD-P-1B+	N.6/4.1 COMPOSITE FOR CRD-P-1B	U055				2X3 1 3						
1 CRD-PI-131/0219	R 422 N.6/4.1 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/0223	R 522 L5/8.4 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/0227	R 522 L5/8.4 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/0231	R 522 L5/8.4 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/0235	R 522 L5/8.4 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/0239	R 522 K2/8.4 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/0243	R 522 K2/8.4 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/0615	R 522 L5/8.4 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/0619	R 522 L5/8.4 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/0623	R 522 L5/8.4 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/0627	R 522 L5/8.4 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/0631	R 522 L5/8.4 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/0635	R 522 K2/8.4 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/0639	R 522 K2/8.4 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/0643	R 522 K2/8.4 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/0647	R 522 K2/8.4 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	1 3	1 1	0 1				F	N

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR NRC-SURT

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QTD	QS	USE	TEST MFG MODEL NO.	ANL	F/D	C	FREQ	TH	HL
CRD-PI-131/1011 2	0-2500 ACCUMULATOR PRESSURE R 522 L5/8.4	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/1015 2	0-2500 ACCUMULATOR PRESSURE R 522 L5/8.4	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/1019 2	0-2500 ACCUMULATOR PRESSURE R 522 L5/8.4	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/1023 2	0-2500 ACCUMULATOR PRESSURE R 522 L5/8.4	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/1027 2	0-2500 ACCUMULATOR PRESSURE R 522 L5/8.4	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/1031 2	0-2500 ACCUMULATOR PRESSURE R 522 L5/8.4	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/1035 2	0-2500 ACCUMULATOR PRESSURE R 522 K2/8.4	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/1039 2	0-2500 ACCUMULATOR PRESSURE R 522 K2/8.4	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/1043 2	0-2500 ACCUMULATOR PRESSURE R 522 K2/8.4	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/1047 2	0-2500 ACCUMULATOR PRESSURE R 522 K2/8.4	02C12	16 001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/1051 2	0-2500 ACCUMULATOR PRESSURE R 522 K2/8.4	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/1407 2	0-2500 ACCUMULATOR PRESSURE R 522 L5/8.4	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/1411 2	0-2500 ACCUMULATOR PRESSURE R 522 L5/8.4	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/1415 2	0-2500 ACCUMULATOR PRESSURE R 522 L5/8.4	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/1419 2	0-2500 ACCUMULATOR PRESSURE R 522 L5/8.4	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/1423 2	0-2500 ACCUMULATOR PRESSURE R 522 L5/8.4	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/1427 2	0-2500 ACCUMULATOR PRESSURE R 522 L5/8.4	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/1431 2	0-2500 ACCUMULATOR PRESSURE R 522 L5/8.4	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/1435 2	0-2500 ACCUMULATOR PRESSURE R 522 K2/8.4	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/1439 2	0-2500 ACCUMULATOR PRESSURE R 522 K2/8.4	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/1443 2	0-2500 ACCUMULATOR PRESSURE R 522 K2/8.4	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/1447 2	0-2500 ACCUMULATOR PRESSURE R 522 K2/8.4	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/1451 2	0-2500 ACCUMULATOR PRESSURE R 522 K2/8.4	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/1455 2	0-2500 ACCUMULATOR PRESSURE R 522 K2/8.4	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/1803	0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR NRC-SGRT

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT NO.	QID	QS	USE	TEST MFG MODEL NO.	ANL	F/U	C	FREQ	TR	HL
CRD-PI-131/2243 2	0-2500 ACCUMULATOR PRESSURE R 522 K2/8.4	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/2247 2	0-2500 ACCUMULATOR PRESSURE R 522 K2/8.4	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/2251 2	0-2500 ACCUMULATOR PRESSURE R 522 K2/8.4	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/2255 2	0-2500 ACCUMULATOR PRESSURE R 522 K2/8.4	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/2259 2	0-2500 ACCUMULATOR PRESSURE R 522 K2/8.4	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/2603 2	0-2500 ACCUMULATOR PRESSURE R 522 L5/8.4	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/2607 2	0-2500 ACCUMULATOR PRESSURE R 522 L5/8.4	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/2611 2	0-2500 ACCUMULATOR PRESSURE R 522 L5/8.4	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/2615 2	0-2500 ACCUMULATOR PRESSURE R 522 L5/8.4	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/2619 2	0-2500 ACCUMULATOR PRESSURE R 522 L5/8.4	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/2623 2	0-2500 ACCUMULATOR PRESSURE R 522 L5/8.4	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/2627 2	0-2500 ACCUMULATOR PRESSURE R 522 L5/8.4	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/2631 2	0-2500 ACCUMULATOR PRESSURE R 522 L5/8.4	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/2635 2	0-2500 ACCUMULATOR PRESSURE R 522 K2/8.4	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/2639 2	0-2500 ACCUMULATOR PRESSURE R 522 K2/8.4	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/2643 2	0-2500 ACCUMULATOR PRESSURE R 522 K2/8.4	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/2647 2	0-2500 ACCUMULATOR PRESSURE R 522 K2/8.4	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/2651 2	0-2500 ACCUMULATOR PRESSURE R 522 K2/8.4	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/2655 2	0-2500 ACCUMULATOR PRESSURE R 522 K2/8.4	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/2659 2	0-2500 ACCUMULATOR PRESSURE R 522 K2/8.4	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/3003 2	0-2500 ACCUMULATOR PRESSURE R 522 L5/8.4	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/3007 2	0-2500 ACCUMULATOR PRESSURE R 522 L5/8.4	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/3011 2	0-2500 ACCUMULATOR PRESSURE R 522 L5/8.4	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/3015 2	0-2500 ACCUMULATOR PRESSURE R 522 L5/8.4	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/3019 2	0-2500 ACCUMULATOR PRESSURE R 522 L5/8.4	02C12	167001	A B	3 3	1 1	0 1				F	N

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR WRC-SQRT

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT NO.	QID	QS	USE	TEST 4FG MODEL NO.	ANL	F/O	C	FREQ	TK	HL
2 CRD-PI-131/3023	R 522 L5/8.4 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/3027	R 522 L5/8.4 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/3031	R 522 L5/8.4 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/3035	R 522 K2/3.7 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/3039	R 522 K2/3.7 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/3043	R 522 K2/3.7 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/3047	R 522 K2/3.7 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/3051	R 522 K2/3.7 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/3055	R 522 K2/3.7 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/3059	R 522 K2/3.7 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/3403	R 522 L5/3.7 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/3407	R 522 L5/3.7 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/3411	R 522 L5/3.7 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/3415	R 522 L5/3.7 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/3419	R 522 L5/3.7 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/3423	R 522 L5/3.7 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/3427	R 522 L5/3.7 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/3431	R 522 K2/3.7 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/3435	R 522 K2/3.7 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/3439	R 522 K2/3.7 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/3443	R 522 K2/3.7 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/3447	R 522 K2/3.7 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/3451	R 522 K2/3.7 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/3455	R 522 K2/3.7 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR NRC-SQRT

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE	TEST MFG MODEL NO.	ANL	F/O	C	FREQ	TM	NL
CRD-PI-131/3459 2	0-2500 ACCUMULATOR PRESSURE R 522 K2/3.7	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/3463 2	0-2500 ACCUMULATOR PRESSURE R 522 L5/3.7	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/3807 2	0-2500 ACCUMULATOR PRESSURE R 522 L5/3.7	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/3811 2	0-2500 ACCUMULATOR PRESSURE R 522 L5/3.7	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/3815 2	0-2500 ACCUMULATOR PRESSURE R 522 L5/3.7	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/3819 2	0-2500 ACCUMULATOR PRESSURE R 522 L5/3.7	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/3823 2	0-2500 ACCUMULATOR PRESSURE R 522 L5/3.7	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/3827 2	0-2500 ACCUMULATOR PRESSURE R 522 L5/3.7	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/3831 2	0-2500 ACCUMULATOR PRESSURE R 522 K2/3.7	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/3835 2	0-2500 ACCUMULATOR PRESSURE R 522 K2/3.7	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/3839 2	0-2500 ACCUMULATOR PRESSURE R 522 K2/3.7	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/3843 2	0-2500 ACCUMULATOR PRESSURE R 522 K2/3.7	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/3847 2	0-2500 ACCUMULATOR PRESSURE R 522 K2/3.7	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/3851 2	0-2500 ACCUMULATOR PRESSURE R 522 K2/3.7	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/3855 2	0-2500 ACCUMULATOR PRESSURE R 522 K2/3.7	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/3859 2	0-2500 ACCUMULATOR PRESSURE R 522 K2/3.7	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/4203 2	0-2500 ACCUMULATOR PRESSURE R 522 L5/3.7	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/4207 2	0-2500 ACCUMULATOR PRESSURE R 522 L5/3.7	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/4211 2	0-2500 ACCUMULATOR PRESSURE R 522 L5/3.7	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/4215 2	0-2500 ACCUMULATOR PRESSURE R 522 L5/3.7	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/4219 2	0-2500 ACCUMULATOR PRESSURE R 522 L5/3.7	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/4223 2	0-2500 ACCUMULATOR PRESSURE R 522 L5/3.7	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/4227 2	0-2500 ACCUMULATOR PRESSURE R 522 L5/3.7	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/4231 2	0-2500 ACCUMULATOR PRESSURE R 522 K2/3.7	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/4235 2	0-2500 ACCUMULATOR PRESSURE R 522 K2/3.7	02C12	167001	A B	3 3	1 1	0 1				F	N

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR NHC-SQRT

DATE 09/25/81 PAGE 28

EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE	TEST MFG MODEL NO.	ANL	F/D	C	FREQ	TM	HL
2 CRD-PI-131/4239	R 522 K2/3.7 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A 3	3 3	1 1	0 1				F	N
2 CRD-PI-131/4243	R 522 K2/3.7 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A 3	3 3	1 1	0 1				F	N
2 CRD-PI-131/4247	R 522 K2/3.7 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/4251	R 522 K2/3.7 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/4255	R 522 K2/3.7 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A 3	3 3	1 1	0 1				F	N
2 CRD-PI-131/4259	R 522 K2/3.7 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/4607	R 522 L5/3.7 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/4611	R 522 L5/3.7 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/4615	R 522 L5/3.7 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/4619	R 522 L5/3.7 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/4623	R 522 L5/3.7 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/4627	R 522 L5/3.7 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/4631	R 522 K2/3.7 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/4635	R 522 K2/3.7 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/4639	R 522 K2/3.7 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/4643	R 522 K2/3.7 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/4647	R 522 K2/3.7 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/4651	R 522 K2/3.7 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/4655	R 522 K2/3.7 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/5011	R 522 L5/3.7 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/5015	R 522 L5/3.7 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/5019	R 522 L5/3.7 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/5023	R 522 L5/3.7 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N
2 CRD-PI-131/5027	R 522 L5/3.7 0-2500 ACCUMULATOR PRESSURE	02C12	167001	A B	3 3	1 1	0 1				F	N

WASHINGTON PORTIC POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR NRC-S&K

DATE 09/25/81 PAGE

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT NO.	QID	QS	USE	TEST MFG MODEL NO.	ANL	F/O	C	FREQ	TH	HL
CRD-PI-131/5031 2	0-2500 ACCUMULATOR PRESSURE R 522 K2/3.7	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/5035 2	0-2500 ACCUMULATOR PRESSURE R 522 K2/3.7	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/5039 2	0-2500 ACCUMULATOR PRESSURE R 522 K2/3.7	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/5043 2	0-2500 ACCUMULATOR PRESSURE R 522 K2/3.7	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/5047 2	0-2500 ACCUMULATOR PRESSURE R 522 K2/3.7	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/5051 2	0-2500 ACCUMULATOR PRESSURE R 522 K2/3.7	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/5415 2	0-2500 ACCUMULATOR PRESSURE R 522 L5/3.7	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/5419 2	0-2500 ACCUMULATOR PRESSURE R 522 L5/3.7	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/5423 2	0-2500 ACCUMULATOR PRESSURE R 522 L5/3.7	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/5427 2	0-2500 ACCUMULATOR PRESSURE R 522 L5/3.7	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/5431 2	0-2500 ACCUMULATOR PRESSURE R 522 K2/3.7	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/5435 2	0-2500 ACCUMULATOR PRESSURE R 522 K2/3.7	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/5439 2	0-2500 ACCUMULATOR PRESSURE R 522 K2/3.7	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/5443 2	0-2500 ACCUMULATOR PRESSURE R 522 K2/3.7	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/5447 2	0-2500 ACCUMULATOR PRESSURE R 522 K2/3.7	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/5819 2	0-2500 ACCUMULATOR PRESSURE R 522 L5/3.7	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/5823 2	0-2500 ACCUMULATOR PRESSURE R 522 L5/3.7	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/5827 2	0-2500 ACCUMULATOR PRESSURE R 522 L5/3.7	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/5831 2	0-2500 ACCUMULATOR PRESSURE R 522 K2/3.7	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/5835 2	0-2500 ACCUMULATOR PRESSURE R 522 K2/3.7	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/5837 2	0-2500 ACCUMULATOR PRESSURE R 522 K2/3.7	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-PI-131/5833 2	0-2500 ACCUMULATOR PRESSURE R 522 K2/3.7	02C12	167001	A B	3 3	1 1	0 1				F	N
CRD-V-117 2	4" GATE CRD-FU-11 BYPASS R 424 V5/3.6	43	361980			2 0						
CRD-V-117/0219 2	SCRAM SOLENOID PILOT CRD-V-126&127 R 522 L5/8.4	02C12				A-7512-M-166 1 3	1 1	0 2		02		Y
CRD-V-117/0223 2	SCRAM SOLENOID PILOT CRD-V-126&127	02C12				HVA904052-J 1 3	1 1	0 2		02		Y

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR NRC-SQRT

EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	UID	MS	USE	TEST MFG MODEL NO.	AVL	F/O	C	FREQ	FM	IL
2	R 522 L5/B.4	C257				HVA904052-J						
CRD-V-117/0227	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 L5/B.4	C257				HVA904052-J						
CRD-V-117/0231	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 L5/B.4	C257				HVA904052-J						
CRD-V-117/0235	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 K2/B.4	C257				HVA904052-J						
CRD-V-117/0239	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 K2/B.4	C257				HVA904052-J						
CRD-V-117/0243	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		B	1 3	1 1	0 2			0		Y
2	R 522 K2/B.4	C257				HVA904052-J						
CRD-V-117/0615	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 L5/B.4	C257				HVA904052-J						
CRD-V-117/0619	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 L5/B.4	C257				HVA904052-J						
CRD-V-117/0623	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 L5/B.4	C257				HVA904052-J						
CRD-V-117/0627	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 L5/B.4	C257				HVA904052-J						
CRD-V-117/0631	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 L5/B.4	C257				HVA904052-J						
CRD-V-117/0635	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		B	1 3	1 1	0 .			02		Y
2	R 522 K2/B.4	C257				HVA904052-J						
CRD-V-117/0639	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 K2/B.4	C257				HVA904052-J						
CRD-V-117/0643	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 K2/B.4	C257				HVA904052-J						
CRD-V-117/0647	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 K2/B.4	C257				HVA904052-J						
CRD-V-117/1011	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 L5/B.4	C257				HVA904052-J						
CRD-V-117/1015	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 L5/B.4	C257				HVA904052-J						
CRD-V-117/1019	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 L5/B.4	C257				HVA904052-J						
CRD-V-117/1023	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 L5/B.4	C257				HVA904052-J						
CRD-V-117/1027	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 L5/B.4	C257				HVA904052-J						
CRD-V-117/1031	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 L5/B.4	C257				HVA904052-J						
CRD-V-117/1035	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 K2/B.4	C257				HVA904052-J						
CRD-V-117/1039	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 K2/B.4	C257				HVA904052-J						
CRD-V-117/1043	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 K2/B.4	C257				HVA904052-J						
CRD-V-117/1047	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 K2/B.4	C257				HVA904052-J						

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE	TEST MFG MODEL NO.	ANL	F70	C	FREQ	TM	HL
CRD-V-117/1051 2	SCRAM SOLENOID PILOT R 522 K2/B.4	CRD-V-126&127 02C12 C257		B	1 3	1 1	0 2			02		Y
CRD-V-117/147 2	SCRAM SOLENOID PILOT R 522 L5/B.4	CRD-V-126&127 02C12 C257		B	1 3	1 1	0 2			02		Y
CRD-V-117/1411 2	SCRAM SOLENOID PILOT R 522 L5/B.4	CRD-V-126&127 02C12 C257		B	1 3	1 1	0 2			02		Y
CRD-V-117/1415 2	SCRAM SOLENOID PILOT R 522 L5/B.4	CRD-V-126&127 02C12 C257		B	1 3	1 1	0 2			02		Y
CRD-V-117/1419 2	SCRAM SOLENOID PILOT R 522 L5/B.4	CRD-V-126&127 02C12 C257		B	1 3	1 1	0 2			02		Y
CRD-V-117/1423 2	SCRAM SOLENOID PILOT R 522 L5/B.4	CRD-V-126&127 02C12 C257		B	1 3	1 1	0 2			02		Y
CRD-V-117/1427 2	SCRAM SOLENOID PILOT R 522 L5/B.4	CRD-V-126&127 02C12 C257		A	1 3							
CRD-V-117/1431 2	SCRAM SOLENOID PILOT R 522 L5/B.4	CRD-V-126&127 02C12 C257		A	1 3							
CRD-V-117/1435 2	SCRAM SOLENOID PILOT R 522 K2/B.4	CRD-V-126&127 02C12 C257		A	1 3							
CRD-V-117/1439 2	SCRAM SOLENOID PILOT R 522 K2/B.4	CRD-V-126&127 02C12 C257		A	1 3							
CRD-V-117/1443 2	SCRAM SOLENOID PILOT R 522 K2/B.4	CRD-V-126&127 02C12 C257		A	1 3							
CRD-V-117/1447 2	SCRAM SOLENOID PILOT R 522 K2/B.4	CRD-V-126&127 02C12 C257		A	1 3							
CRD-V-117/1451 2	SCRAM SOLENOID PILOT R 522 K2/B.4	CRD-V-126&127 02C12 C257		A	1 3							
CRD-V-117/1455 2	SCRAM SOLENOID PILOT R 522 K2/B.4	CRD-V-126&127 02C12 C257		A	1 3							
CRD-V-117/1803 2	SCRAM SOLENOID PILOT R 522 L5/B.4	CRD-V-126&127 02C12 C257		A	1 3							
CRD-V-117/1807 2	SCRAM SOLENOID PILOT R 522 L5/B.4	CRD-V-126&127 02C12 C257		A	1 3							
CRD-V-117/1811 2	SCRAM SOLENOID PILOT R 522 L5/B.4	CRD-V-126&127 02C12 C257		A	1 3							
CRD-V-117/1815 2	SCRAM SOLENOID PILOT R 522 L5/B.4	CRD-V-126&127 02C12 C257		A	1 3							
CRD-V-117/1819 2	SCRAM SOLENOID PILOT R 522 L5/B.4	CRD-V-126&127 02C12 C257		A	1 3							
CRD-V-117/1823 2	SCRAM SOLENOID PILOT R 522 L5/B.4	CRD-V-126&127 02C12 C257		A	1 3							
CRD-V-117/1827 2	SCRAM SOLENOID PILOT R 522 L5/B.4	CRD-V-126&127 02C12 C257		A	1 3							
CRD-V-117/1831 2	SCRAM SOLENOID PILOT R 522 L5/B.4	CRD-V-126&127 02C12 C257		A	1 3							
CRD-V-117/1835 2	SCRAM SOLENOID PILOT R 522 K2/B.4	CRD-V-126&127 02C12 C257		A	1 3							
CRD-V-117/1839 2	SCRAM SOLENOID PILOT R 522 K2/B.4	CRD-V-126&127 02C12 C257		A	1 3							
CRD-V-117/1843 2	SCRAM SOLENOID PILOT	CRD-V-126&127 02C12		A	1 3							

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR NRC-SQRT

EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	UID	QS	USE TEST MFG MODEL NO.	ANL	F70	C	FREQ	TM	HL
2 CRD-V-117/1847	R 522 K2/B.4 SCRAM SOLENOID PILOT CRD-V-126&127	C257 02C12		A	HVA904052-J 1 3						
2 CRD-V-117/1851	R 522 K2/B.4 SCRAM SOLENOID PILOT CRD-V-126&127	C257 02C12		A	HVA904052-J 1 3						
2 CRD-V-117/1855	R 522 K2/B.4 SCRAM SOLENOID PILOT CRD-V-126&127	C257 02C12		A	HVA904052-J 1 3						
2 CRD-V-117/1859	R 522 K2/B.4 SCRAM SOLENOID PILOT CRD-V-126&127	C257 02C12		A	HVA904052-J 1 3						
2 CRD-V-117/2203	R 522 K2/B.4 SCRAM SOLENOID PILOT CRD-V-126&127	C257 02C12		A	HVA904052-J 1 3						
2 CRD-V-117/2207	R 522 L5/B.4 SCRAM SOLENOID PILOT CRD-V-126&127	C257 02C12		A	HVA904052-J 1 3						
2 CRD-V-117/2211	R 522 L5/B.4 SCRAM SOLENOID PILOT CRD-V-126&127	C257 02C12		A	HVA904052-J 1 3						
2 CRD-V-117/2215	R 522 L5/B.4 SCRAM SOLENOID PILOT CRD-V-126&127	C257 02C12		A	HVA904052-J 1 3						
2 CRD-V-117/2219	R 522 L5/B.4 SCRAM SOLENOID PILOT CRD-V-126&127	C257 02C12		A	HVA904052-J 1 3						
2 CRD-V-117/2223	R 522 L5/B.4 SCRAM SOLENOID PILOT CRD-V-126&127	C257 02C12		B	HVA904052-J 1 3 1 1	0 2			02		Y
2 CRD-V-117/2227	R 522 L5/B.4 SCRAM SOLENOID PILOT CRD-V-126&127	C257 02C12		B	HVA904052-J 1 3 1 1	0 2			02		Y
2 CRD-V-117/2231	R 522 L5/B.4 SCRAM SOLENOID PILOT CRD-V-126&127	C257 02C12		B	HVA904052-J 1 3 1 1	0 2			02		Y
2 CRD-V-117/2235	R 522 K2/B.4 SCRAM SOLENOID PILOT CRD-V-126&127	C257 02C12		B	HVA904052-J 1 3 1 1	0 2			02		Y
2 CRD-V-117/2239	R 522 K2/B.4 SCRAM SOLENOID PILOT CRD-V-126&127	C257 02C12		B	HVA904052-J 1 3 1 1	0 2			02		Y
2 CRD-V-117/2243	R 522 K2/B.4 SCRAM SOLENOID PILOT CRD-V-126&127	C257 02C12		B	HVA904052-J 1 3 1 1	0 2			02		Y
2 CRD-V-117/2247	R 522 K2/B.4 SCRAM SOLENOID PILOT CRD-V-126&127	C257 02C12		B	HVA904052-J 1 3 1 1	0 2			02		Y
2 CRD-V-117/2251	R 522 K2/B.4 SCRAM SOLENOID PILOT CRD-V-126&127	C257 02C12		B	HVA904052-J 1 3 1 1	0 2			02		Y
2 CRD-V-117/2255	R 522 K2/B.4 SCRAM SOLENOID PILOT CRD-V-126&127	C257 02C12		B	HVA904052-J 1 3 1 1	0 2			02		Y
2 CRD-V-117/2259	R 522 K2/B.4 SCRAM SOLENOID PILOT CRD-V-126&127	C257 02C12		B	HVA904052-J 1 3 1 1	0 2			02		Y
2 CRD-V-117/2603	R 522 L5/B.4 SCRAM SOLENOID PILOT CRD-V-126&127	C257 02C12		B	HVA904052-J 1 3 1 1	0 2			02		Y
2 CRD-V-117/2607	R 522 L5/B.4 SCRAM SOLENOID PILOT CRD-V-126&127	C257 02C12		B	HVA904052-J 1 3 1 1	0 2			02		Y
2 CRD-V-117/2611	R 522 L5/B.4 SCRAM SOLENOID PILOT CRD-V-126&127	C257 02C12		B	HVA904052-J 1 3 1 1	0 2			02		Y
2 CRD-V-117/2615	R 522 L5/B.4 SCRAM SOLENOID PILOT CRD-V-126&127	C257 02C12		B	HVA904052-J 1 3 1 1	0 2			02		Y
2 CRD-V-117/2619	R 522 L5/B.4 SCRAM SOLENOID PILOT CRD-V-126&127	C257 02C12		B	HVA904052-J 1 3 1 1	0 2			02		Y

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT NO.	UID	QS	USE	TEST MFG MODEL NO.	ANL	F/F	C	FREQ	TR	HL
CRD-V-117/2623 2	SCRAM SOLENOID PILOT R 522 L5/8.4	CRD-V-126&127 02C12			B	1 3 HVA904052-J	1 1	0 2		02		Y
CRD-V-117/2627 2	SCRAM SOLENOID PILOT R 522 L5/8.4	CRD-V-126&127 02C12			B	1 3 HVA904052-J	1 1	0 2		02		Y
CRD-V-117/2631 2	SCRAM SOLENOID PILOT R 522 L5/8.4	CRD-V-126&127 02C12			B	1 3 HVA904052-J	1 1	0 2		02		Y
CRD-V-117/2635 2	SCRAM SOLENOID PILOT R 522 K2/8.4	CRD-V-126&127 02C12			B	1 3 HVA904052-J	1 1	0 2		02		Y
CRD-V-117/2639 2	SCRAM SOLENOID PILOT R 522 K2/8.4	CRD-V-126&127 02C12			B	1 3 HVA904052-J	1 1	0 2		02		Y
CRD-V-117/2643 2	SCRAM SOLENOID PILOT R 522 K2/8.4	CRD-V-126&127 02C12			B	1 3 HVA904052-J	1 1	0 2		02		Y
CRD-V-117/2647 2	SCRAM SOLENOID PILOT R 522 K2/8.4	CRD-V-126&127 02C12			B	1 3 HVA904052-J	1 1	0 2		02		Y
CRD-V-117/2651 2	SCRAM SOLENOID PILOT R 522 K2/8.4	CRD-V-126&127 02C12			B	1 3 HVA904052-J	1 1	0 2		02		Y
CRD-V-117/2655 2	SCRAM SOLENOID PILOT R 522 K2/8.4	CRD-V-126&127 02C12			B	1 3 HVA904052-J	1 1	0 2		02		Y
CRD-V-117/2659 2	SCRAM SOLENOID PILOT R 522 K2/8.4	CRD-V-126&127 02C12			B	1 3 HVA904052-J	1 1	0 2		02		Y
CRD-V-117/3003 2	SCRAM SOLENOID PILOT R 522 L5/8.4	CRD-V-126&127 02C12			B	1 3 HVA904052-J	1 1	0 2		02		Y
CRD-V-117/3007 2	SCRAM SOLENOID PILOT R 522 L5/8.4	CRD-V-126&127 02C12			B	1 3 HVA904052-J	1 1	0 2		02		Y
CRD-V-117/3011 2	SCRAM SOLENOID PILOT R 522 L5/8.4	CRD-V-126&127 02C12			B	1 3 HVA904052-J	1 1	0 2		02		Y
CRD-V-117/3015 2	SCRAM SOLENOID PILOT R 522 L5/8.4	CRD-V-126&127 02C12			B	1 3 HVA904052-J	1 1	0 2		02		Y
CRD-V-117/3019 2	SCRAM SOLENOID PILOT R 522 L5/8.4	CRD-V-126&127 02C12			B	1 3 HVA904052-J	1 1	0 2		02		Y
CRD-V-117/3023 2	SCRAM SOLENOID PILOT R 522 L5/8.4	CRD-V-126&127 02C12			B	1 3 HVA904052-J	1 1	0 2		02		Y
CRD-V-117/3027 2	SCRAM SOLENOID PILOT R 522 L5/8.4	CRD-V-126&127 02C12			B	1 3 HVA904052-J	1 1	0 2		02		Y
CRD-V-117/3031 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127 02C12			B	1 3 HVA904052-J	1 1	0 2		02		Y
CRD-V-117/3035 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127 02C12			B	1 3 HVA904052-J	1 1	0 2		02		Y
CRD-V-117/3039 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127 02C12			B	1 3 HVA904052-J	1 1	0 2		02		Y
CRD-V-117/3043 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127 02C12			B	1 3 HVA904052-J	1 1	0 2		02		Y
CRD-V-117/3047 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127 02C12			B	1 3 HVA904052-J	1 1	0 2		02		Y
CRD-V-117/3051 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127 02C12			B	1 3 HVA904052-J	1 1	0 2		02		Y
CRD-V-117/3055 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127 02C12			B	1 3 HVA904052-J	1 1	0 2		02		Y
CRD-V-117/3059 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127 02C12			B	1 3 HVA904052-J	1 1	0 2		02		Y

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR NRC-SURT

EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE MFG MODEL NO.	TEST MFG MODEL NO.	ANL	F/U	C	FREQ	IN	HL
2	R 522 K2/3.7	C 257			HVA904052-J							
CRD-V-117/3413	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 L5/3.7	C 257			HVA904052-J							
CRD-V-117/3401	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 L5/3.7	C 257			HVA904052-J							
CRD-V-117/3411	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 L5/3.7	C 257			HVA904052-J							
CRD-V-117/3415	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 L5/3.7	C 257			HVA904052-J							
CRD-V-117/3419	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 L5/3.7	C 257			HVA904052-J							
CRD-V-117/3423	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 L5/3.7	C 257			HVA904052-J							
CRD-V-117/3427	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 L5/3.7	C 257			HVA904052-J							
CRD-V-117/3431	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 K2/3.7	C 257			HVA904052-J							
CRD-V-117/3435	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 K2/3.7	C 257			HVA904052-J							
CRD-V-117/3439	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 K2/3.7	C 257			HVA904052-J							
CRD-V-117/3443	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 K2/3.7	C 257			HVA904052-J							
CRD-V-117/3447	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 K2/3.7	C 257			HVA904052-J							
CRD-V-117/3451	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 K2/3.7	C 257			HVA904052-J							
CRD-V-117/3455	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 K2/3.7	C 257			HVA904052-J							
CRD-V-117/3459	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 K2/3.7	C 257			HVA904052-J							
CRD-V-117/3803	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 L5/3.7	C 257			HVA904052-J							
CRD-V-117/3807	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 L5/3.7	C 257			HVA904052-J							
CRD-V-117/3811	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 L5/3.7	C 257			HVA904052-J							
CRD-V-117/3815	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 L5/3.7	C 257			HVA904052-J							
CRD-V-117/3819	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 L5/3.7	C 257			HVA904052-J							
CRD-V-117/3823	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 L5/3.7	C 257			HVA904052-J							
CRD-V-117/3827	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 L5/3.7	C 257			HVA904052-J							
CRD-V-117/3831	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 K2/3.7	C 257			HVA904052-J							
CRD-V-117/3835	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 K2/3.7	C 257			HVA904052-J							

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR NRC-SURT

EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE	TEST MFG MODEL NO.	AVL	Y/O	C	FREQ	TM	HL
CRD-V-117/3839 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127 02C12		B		1 3 1 1	0 2			02		Y
CRD-V-117/3843 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127 02C12		B		HVA904052-J 1 3 1 1	0 2			02		Y
CRD-V-117/3847 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127 02C12		B		HVA904052-J 1 3 1 1	0 2			02		Y
CRD-V-117/3851 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127 02C12		B		HVA904052-J 1 3 1 1	0 2			02		Y
CRD-V-117/3855 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127 02C12		B		HVA904052-J 1 3 1 1	0 2			02		Y
CRD-V-117/3859 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127 02C12		B		HVA904052-J 1 3 1 1	0 2			02		Y
CRD-V-117/4203 2	SCRAM SOLENOID PILOT R 522 L5/3.7	CRD-V-126&127 02C12		B		HVA904052-J 1 3 1 1	0 2			02		Y
CRD-V-117/4207 2	SCRAM SOLENOID PILOT R 522 L5/3.7	CRD-V-126&127 02C12		B		HVA904052-J 1 3 1 1	0 2			02		Y
CRD-V-117/4211 2	SCRAM SOLENOID PILOT R 522 L5/3.7	CRD-V-126&127 02C12		B		HVA904052-J 1 3 1 1	0 2			02		Y
CRD-V-117/4215 2	SCRAM SOLENOID PILOT R 522 L5/3.7	CRD-V-126&127 02C12		B		HVA904052-J 1 3 1 1	0 2			02		Y
CRD-V-117/4219 2	SCRAM SOLENOID PILOT R 522 L5/3.7	CRD-V-126&127 02C12		B		HVA904052-J 1 3 1 1	0 2			02		Y
CRD-V-117/4223 2	SCRAM SOLENOID PILOT R 522 L5/3.7	CRD-V-126&127 02C12		B		HVA904052-J 1 3 1 1	0 2			02		Y
CRD-V-117/4227 2	SCRAM SOLENOID PILOT R 522 L5/3.7	CRD-V-126&127 02C12		B		HVA904052-J 1 3 1 1	0 2			02		Y
CRD-V-117/4231 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127 02C12		B		HVA904052-J 1 3 1 1	0 2			02		Y
CRD-V-117/4235 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127 02C12		B		HVA904052-J 1 3 1 1	0 2			02		Y
CRD-V-117/4239 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127 02C12		B		HVA904052-J 1 3 1 1	0 2			02		Y
CRD-V-117/4243 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127 02C12		B		HVA904052-J 1 3 1 1	0 2			02		Y
CRD-V-117/4247 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127 02C12		B		HVA904052-J 1 3 1 1	0 2			02		Y
CRD-V-117/4251 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127 02C12		B		HVA904052-J 1 3 1 1	0 2			02		Y
CRD-V-117/4255 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127 02C12		B		HVA904052-J 1 3 1 1	0 2			02		Y
CRD-V-117/4259 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127 02C12		B		HVA904052-J 1 3 1 1	0 2			02		Y
CRD-V-117/4607 2	SCRAM SOLENOID PILOT R 522 L5/3.7	CRD-V-126&127 02C12		B		HVA904052-J 1 3 1 1	0 2			02		Y
CRD-V-117/4611 2	SCRAM SOLENOID PILOT R 522 L5/3.7	CRD-V-126&127 02C12		B		HVA904052-J 1 3 1 1	0 2			02		Y
CRD-V-117/4615 2	SCRAM SOLENOID PILOT R 522 L5/3.7	CRD-V-126&127 02C12		B		HVA904052-J 1 3 1 1	0 2			02		Y
CRD-V-117/4619 2	SCRAM SOLENOID PILOT R 522 L5/3.7	CRD-V-126&127 02C12		B		HVA904052-J 1 3 1 1	0 2			02		Y

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR NKC-SQRT

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE	TEST MFG MODEL N.	ANL	F/O	C	FREQ	IN	HL
CRD-V-117/4623 2	R 522 L5/3.7 SCRAM SOLENOID PILOT CRD-V-126&127	C257 02C12		B		HVA904052-J 1 3 1 1	0 2			02		Y
CRD-V-117/4627 2	R 522 L5/3.7 SCRAM SOLENOID PILOT CRD-V-126&127	C257 02C12		B		HVA904052-J 1 3 1 1	0 2			02		Y
CRD-V-117/4631 2	R 522 L5/3.7 SCRAM SOLENOID PILOT CRD-V-126&127	C257 02C12		B		HVA904052-J 1 3 1 1	0 2			02		Y
CRD-V-117/4635 2	R 522 K2/3.7 SCRAM SOLENOID PILOT CRD-V-126&127	C257 02C12		B		HVA904052-J 1 3 1 1	0 2			02		Y
CRD-V-117/4639 2	R 522 K2/3.7 SCRAM SOLENOID PILOT CRD-V-126&127	C257 02C12		B		HVA904052-J 1 3 1 1	0 2			02		Y
CRD-V-117/4643 2	R 522 K2/3.7 SCRAM SOLENOID PILOT CRD-V-126&127	C257 02C12		B		HVA904052-J 1 3 1 1	0 2			02		Y
CRD-V-117/4647 2	R 522 K2/3.7 SCRAM SOLENOID PILOT CRD-V-126&127	C257 02C12		B		HVA904052-J 1 3 1 1	0 2			02		Y
CRD-V-117/4651 2	R 522 K2/3.7 SCRAM SOLENOID PILOT CRD-V-126&127	C257 02C12		B		HVA904052-J 1 3 1 1	0 2			02		Y
CRD-V-117/4655 2	R 522 K2/3.7 SCRAM SOLENOID PILOT CRD-V-126&127	C257 02C12		B		HVA904052-J 1 3 1 1	0 2			02		Y
CRD-V-117/5011 2	R 522 L5/3.7 SCRAM SOLENOID PILOT CRD-V-126&127	C257 02C12		B		HVA904052-J 1 3 1 1	0 2			02		Y
CRD-V-117/5015 2	R 522 L5/3.7 SCRAM SOLENOID PILOT CRD-V-126&127	C257 02C12		B		HVA904052-J 1 3 1 1	0 2			02		Y
CRD-V-117/5019 2	R 522 L5/3.7 SCRAM SOLENOID PILOT CRD-V-126&127	C257 02C12		B		HVA904052-J 1 3 1 1	0 2			02		Y
CRD-V-117/5023 2	R 522 L5/3.7 SCRAM SOLENOID PILOT CRD-V-126&127	C257 02C12		B		HVA904052-J 1 3 1 1	0 2			02		Y
CRD-V-117/5027 2	R 522 L5/3.7 SCRAM SOLENOID PILOT CRD-V-126&127	C257 02C12		B		HVA904052-J 1 3 1 1	0 2			02		Y
CRD-V-117/5031 2	R 522 K2/3.7 SCRAM SOLENOID PILOT CRD-V-126&127	C257 02C12		B		HVA904052-J 1 3 1 1	0 2			02		Y
CRD-V-117/5035 2	R 522 K2/3.7 SCRAM SOLENOID PILOT CRD-V-126&127	C257 02C12		B		HVA904052-J 1 3 1 1	0 2			02		Y
CRD-V-117/5039 2	R 522 K2/3.7 SCRAM SOLENOID PILOT CRD-V-126&127	C257 02C12		B		HVA904052-J 1 3 1 1	0 2			02		Y
CRD-V-117/5043 2	R 522 K2/3.7 SCRAM SOLENOID PILOT CRD-V-126&127	C257 02C12		B		HVA904052-J 1 3 1 1	0 2			02		Y
CRD-V-117/5047 2	R 522 K2/3.7 SCRAM SOLENOID PILOT CRD-V-126&127	C257 02C12		B		HVA904052-J 1 3 1 1	0 2			02		Y
CRD-V-117/5051 2	R 522 K2/3.7 SCRAM SOLENOID PILOT CRD-V-126&127	C257 02C12		B		HVA904052-J 1 3 1 1	0 2			02		Y
CRD-V-117/5415 2	R 522 L5/3.7 SCRAM SOLENOID PILOT CRD-V-126&127	C257 02C12		B		HVA904052-J 1 3 1 1	0 2			02		Y
CRD-V-117/5419 2	R 522 L5/3.7 SCRAM SOLENOID PILOT CRD-V-126&127	C257 02C12		B		HVA904052-J 1 3 1 1	0 2			02		Y
CRD-V-117/5423 2	R 522 L5/3.7 SCRAM SOLENOID PILOT CRD-V-126&127	C257 02C12		B		HVA904052-J 1 3 1 1	0 2			02		Y
CRD-V-117/5427 2	R 522 L5/3.7 SCRAM SOLENOID PILOT CRD-V-126&127	C257 02C12		B		HVA904052-J 1 3 1 1	0 2			02		Y

WASHINGTON METRIC POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR NRC-SORT

EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	WS	USE	TEST MFG MODEL NO.	ANL	F70	C	FREQ	TX	HL
CRD-V-117/5431 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127 02C12				1 3 HVA904052-J						
CRD-V-117/5435 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127 02C12		B		1 3 1 1 HVA904052-J	0 2			02		Y
CRD-V-117/5439 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127 02C12		B		1 3 1 1 HVA904052-J	0 2			02		Y
CRD-V-117/5443 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127 02C12		B		1 3 1 1 HVA904052-J	0 2			02		Y
CRD-V-117/5447 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127 02C12		B		1 3 1 1 HVA904052-J	0 2			02		Y
CRD-V-117/5819 2	SCRAM SOLENOID PILOT R 522 L5/3.7	CRD-V-126&127 02C12		B		1 3 1 1 HVA904052-J	0 2			02		Y
CRD-V-117/5823 2	SCRAM SOLENOID PILOT R 522 L5/3.7	CRD-V-126&127 02C12		B		1 3 1 1 HVA904052-J	0 2			02		Y
CRD-V-117/5827 2	SCRAM SOLENOID PILOT R 522 L5/3.7	CRD-V-126&127 02C12		B		1 3 1 1 HVA904052-J	0 2			02		Y
CRD-V-117/5831 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127 02C12		B		1 3 1 1 HVA904052-J	0 2			02		Y
CRD-V-117/5835 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127 02C12		B		1 3 1 1 HVA904052-J	0 2			02		Y
CRD-V-117/5839 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127 02C12		B		1 3 1 1 HVA904052-J	0 2			02		Y
CRD-V-117/5843 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127 02C12		B		1 3 1 1 HVA904052-J	0 2			02		Y
CRD-V-118/0219 2	SCRAM SOLENOID PILOT R 522 L5/8.4	CRD-V-126&127 02C12		A		1 3 HVA904052-J						
CRD-V-118/0223 2	SCRAM SOLENOID PILOT R 522 L5/8.4	CRD-V-126&127 02C12		A		1 3 HVA904052-J						
CRD-V-118/0227 2	SCRAM SOLENOID PILOT R 522 L5/8.4	CRD-V-126&127 02C12		A		1 3 HVA904052-J						
CRD-V-118/0231 2	SCRAM SOLENOID PILOT R 522 L5/8.4	CRD-V-126&127 02C12		A		1 3 HVA904052-J						
CRD-V-118/0235 2	SCRAM SOLENOID PILOT R 522 K2/8.4	CRD-V-126&127 02C12		A		1 3 HVA904052-J						
CRD-V-118/0239 2	SCRAM SOLENOID PILOT R 522 K2/8.4	CRD-V-126&127 02C12		A		1 3 HVA904052-J						
CRD-V-118/0243 2	SCRAM SOLENOID PILOT R 522 K2/8.4	CRD-V-126&127 02C12		A		1 3 HVA904052-J						
CRD-V-118/0615 2	SCRAM SOLENOID PILOT R 522 L5/8.4	CRD-V-126&127 02C12		A		1 3 HVA904052-J						
CRD-V-118/0619 2	SCRAM SOLENOID PILOT R 522 L5/8.4	CRD-V-126&127 02C12		A		1 3 HVA904052-J						
CRD-V-118/0623 2	SCRAM SOLENOID PILOT R 522 L5/8.4	CRD-V-126&127 02C12		A		1 3 HVA904052-J						
CRD-V-118/0627 2	SCRAM SOLENOID PILOT R 522 L5/8.4	CRD-V-126&127 02C12		A		1 3 HVA904052-J						
CRD-V-118/0631 2	SCRAM SOLENOID PILOT R 522 L5/8.4	CRD-V-126&127 02C12		A		1 3 HVA904052-J						
CRD-V-118/0635 2	SCRAM SOLENOID PILOT R 522 L5/8.4	CRD-V-126&127 02C12		A		1 3 HVA904052-J						

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR NRC-SURT

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE 4FG MODEL NO.	TEST ANL	F70	C	FREQ	TM	HL
CRD-V-118/1447 2	SCRAM SOLENOID PILOT R 522 K2/B.4	CRD-V-126&127 02C12 A610			A	1 3 HVA904052-J					
CRD-V-118/1451 2	SCRAM SOLENOID PILOT R 522 K2/B.4	CRD-V-126&127 02C12 A610			A	1 3 HVA904052-J					
CRD-V-118/1455 2	SCRAM SOLENOID PILOT R 522 K2/B.4	CRD-V-126&127 02C12 A610			A	1 3 HVA904052-J					
CRD-V-118/1803 2	SCRAM SOLENOID PILOT R 522 L5/B.4	CRD-V-126&127 02C12 A610			A	1 3 HVA904052-J					
CRD-V-118/1807 2	SCRAM SOLENOID PILOT R 522 L5/B.4	CRD-V-126&127 02C12 A610			A	1 3 HVA904052-J					
CRD-V-118/1811 2	SCRAM SOLENOID PILOT R 522 L5/B.4	CRD-V-126&127 02C12 A610			A	1 3 HVA904052-J					
CRD-V-118/1815 2	SCRAM SOLENOID PILOT R 522 L5/B.4	CRD-V-126&127 02C12 A610			A	1 3 HVA904052-J					
CRD-V-118/1819 2	SCRAM SOLENOID PILOT R 522 L5/B.4	CRD-V-126&127 02C12 A610			A	1 3 HVA904052-J					
CRD-V-118/1823 2	SCRAM SOLENOID PILOT R 522 L5/B.4	CRD-V-126&127 02C12 A610			A	1 3 HVA904052-J					
CRD-V-118/1827 2	SCRAM SOLENOID PILOT R 522 L5/B.4	CRD-V-126&127 02C12 A610			A	1 3 HVA904052-J					
CRD-V-118/1831 2	SCRAM SOLENOID PILOT R 522 L5/B.4	CRD-V-126&127 02C12 A610			A	1 3 HVA904052-J					
CRD-V-118/1835 2	SCRAM SOLENOID PILOT R 522 K2/B.4	CRD-V-126&127 02C12 A610			A	1 3 HVA904052-J					
CRD-V-118/1839 2	SCRAM SOLENOID PILOT R 522 K2/B.4	CRD-V-126&127 02C12 A610			A	1 3 HVA904052-J					
CRD-V-118/1843 2	SCRAM SOLENOID PILOT R 522 K2/B.4	CRD-V-126&127 02C12 A610			A	1 3 HVA904052-J					
CRD-V-118/1847 2	SCRAM SOLENOID PILOT R 522 K2/B.4	CRD-V-126&127 02C12 A610			A	1 3 HVA904052-J					
CRD-V-118/1851 2	SCRAM SOLENOID PILOT R 522 K2/B.4	CRD-V-126&127 02C12 A610			A	1 3 HVA904052-J					
CRD-V-118/1855 2	SCRAM SOLENOID PILOT R 522 K2/B.4	CRD-V-126&127 02C12 A610			A	1 3 HVA904052-J					
CRD-V-118/1859 2	SCRAM SOLENOID PILOT R 522 K2/B.4	CRD-V-126&127 02C12 A610			A	1 3 HVA904052-J					
CRD-V-118/2203 2	SCRAM SOLENOID PILOT R 522 L5/B.4	CRD-V-126&127 02C12 A610			A	1 3 HVA904052-J					
CRD-V-118/2207 2	SCRAM SOLENOID PILOT R 522 L5/B.4	CRD-V-126&127 02C12 A610			A	1 3 HVA904052-J					
CRD-V-118/2211 2	SCRAM SOLENOID PILOT R 522 L5/B.4	CRD-V-126&127 02C12 A610			A	1 3 HVA904052-J					
CRD-V-118/2215 2	SCRAM SOLENOID PILOT R 522 L5/B.4	CRD-V-126&127 02C12 A610			A	1 3 HVA904052-J					
CRD-V-118/2219 2	SCRAM SOLENOID PILOT R 522 L5/B.4	CRD-V-126&127 02C12 A610			A	1 3 HVA904052-J					
CRD-V-118/2223 2	SCRAM SOLENOID PILOT R 522 L5/B.4	CRD-V-126&127 02C12 A610			A	1 3 HVA904052-J					
CRD-V-118/2227 2	SCRAM SOLENOID PILOT	CRD-V-126&127 02C12			A	1 3 HVA904052-J					

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR NRC-SQRT

EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE	TEST 4FG MODEL NO.	A4L	F70	C	FREQ	TM	HL
2 CRD-V-118/0639	R 522 K2/B.4 SCRAM SOLENOID PILOT CRD-V-126&127	A610 02C12		A		HVA904052-J 1 3						
2 CRD-V-118/0643	R 522 K2/B.4 SCRAM SOLENOID PILOT CRD-V-126&127	A610 02C12		A		HVA904052-J 1 3						
2 CRD-V-118/0647	R 522 K2/B.4 SCRAM SOLENOID PILOT CRD-V-126&127	A610 02C12		A		HVA904052-J 1 3						
2 CRD-V-118/1011	R 522 K2/B.4 SCRAM SOLENOID PILOT CRD-V-126&127	A610 02C12		A		HVA904052-J 1 3						
2 CRD-V-118/1015	R 522 L5/B.4 SCRAM SOLENOID PILOT CRD-V-126&127	A610 02C12		A		HVA904052-J 1 3						
2 CRD-V-118/1019	R 522 L5/B.4 SCRAM SOLENOID PILOT CRD-V-126&127	A610 02C12		A		HVA904052-J 1 3						
2 CRD-V-118/1023	R 522 L5/B.4 SCRAM SOLENOID PILOT CRD-V-126&127	A610 02C12		A		HVA904052-J 1 3						
2 CRD-V-118/1017	R 522 L5/B.4 SCRAM SOLENOID PILOT CRD-V-126&127	A610 02C12		A		HVA904052-J 1 3						
2 CRD-V-118/1031	R 522 L5/B.4 SCRAM SOLENOID PILOT CRD-V-126&127	A610 02C12		A		HVA904052-J 1 3						
2 CRD-V-118/1035	R 522 L5/B.4 SCRAM SOLENOID PILOT CRD-V-126&127	A610 02C12		A		HVA904052-J 1 3						
2 CRD-V-118/1039	R 522 K2/B.4 SCRAM SOLENOID PILOT CRD-V-126&127	A610 02C12		A		HVA904052-J 1 3						
2 CRD-V-118/1043	R 522 K2/B.4 SCRAM SOLENOID PILOT CRD-V-126&127	A610 02C12		A		HVA904052-J 1 3						
2 CRD-V-118/1047	R 522 K2/B.4 SCRAM SOLENOID PILOT CRD-V-126&127	A610 02C12		A		HVA904052-J 1 3						
2 CRD-V-118/1051	R 522 K2/B.4 SCRAM SOLENOID PILOT CRD-V-126&127	A610 02C12		A		HVA904052-J 1 3						
2 CRD-V-118/1407	R 522 L5/B.4 SCRAM SOLENOID PILOT CRD-V-126&127	A610 02C12		A		HVA904052-J 1 3						
2 CRD-V-118/1411	R 522 L5/B.4 SCRAM SOLENOID PILOT CRD-V-126&127	A610 02C12		A		HVA904052-J 1 3						
2 CRD-V-118/1415	R 522 L5/B.4 SCRAM SOLENOID PILOT CRD-V-126&127	A610 02C12		A		HVA904052-J 1 3						
2 CRD-V-118/1419	R 522 L5/B.4 SCRAM SOLENOID PILOT CRD-V-126&127	A610 02C12		A		HVA904052-J 1 3						
2 CRD-V-118/1423	R 522 L5/B.4 SCRAM SOLENOID PILOT CRD-V-126&127	A610 02C12		A		HVA904052-J 1 3						
2 CRD-V-118/1427	R 522 L5/B.4 SCRAM SOLENOID PILOT CRD-V-126&127	A610 02C12		A		HVA904052-J 1 3						
2 CRD-V-118/1431	R 522 L5/B.4 SCRAM SOLENOID PILOT CRD-V-126&127	A610 02C12		A		HVA904052-J 1 3						
2 CRD-V-118/1435	R 522 K2/B.4 SCRAM SOLENOID PILOT CRD-V-126&127	A610 02C12		A		HVA904052-J 1 3						
2 CRD-V-118/1439	R 522 K2/B.4 SCRAM SOLENOID PILOT CRD-V-126&127	A610 02C12		A		HVA904052-J 1 3						
2 CRD-V-118/1443	R 522 K2/B.4 SCRAM SOLENOID PILOT CRD-V-126&127	A610 02C12		A		HVA904052-J 1 3						

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR NRC-SQR

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	US	USE MFG MODEL NO.	TEST MFG MODEL NO.	AVL	F/O	C	FREQ	TM	HL
CRD-V-118/2231 2	R 522 L5/8.4 SCRAM SOLENOID PILOT CRD-V-126&127	A610 02C12		A	HVA904052-J 1 3							
CRD-V-118/2235 2	R 522 L5/8.4 SCRAM SOLENOID PILOT CRD-V-126&127	A610 02C12		A	HVA904052-J 1 3							
CRD-V-118/2239 2	R 522 K2/8.4 SCRAM SOLENOID PILOT CRD-V-126&127	A610 02C12		A	HVA904052-J 1 3							
CRD-V-118/2243 2	R 522 K2/8.4 SCRAM SOLENOID PILOT CRD-V-126&127	A610 02C12		A	HVA904052-J 1 3							
CRD-V-118/2247 2	R 522 K2/8.4 SCRAM SOLENOID PILOT CRD-V-126&127	A610 02C12		A	HVA904052-J 1 3							
CRD-V-118/2251 2	R 522 K2/8.4 SCRAM SOLENOID PILOT CRD-V-126&127	A610 02C12		A	HVA904052-J 1 3							
CRD-V-118/2255 2	R 522 K2/8.4 SCRAM SOLENOID PILOT CRD-V-126&127	A610 02C12		A	HVA904052-J 1 3							
CRD-V-118/2259 2	R 522 K2/8.4 SCRAM SOLENOID PILOT CRD-V-126&127	A610 02C12		A	HVA904052-J 1 3							
CRD-V-118/2603 2	R 522 L5/8.4 SCRAM SOLENOID PILOT CRD-V-126&127	A610 02C12		A	HVA904052-J 1 3							
CRD-V-118/2607 2	R 522 L5/8.4 SCRAM SOLENOID PILOT CRD-V-126&127	A610 02C12		K	HVA904052-J 1 3							
CRD-V-118/2611 2	R 522 L5/8.4 SCRAM SOLENOID PILOT CRD-V-126&127	A610 02C12		A	HVA904052-J 1 3							
CRD-V-118/2615 2	R 522 L5/8.4 SCRAM SOLENOID PILOT CRD-V-126&127	A610 02C12		A	HVA904052-J 1 3							
CRD-V-118/2619 2	R 522 L5/8.4 SCRAM SOLENOID PILOT CRD-V-126&127	A610 02C12		A	HVA904052-J 1 3							
CRD-V-118/2623 2	R 522 L5/8.4 SCRAM SOLENOID PILOT CRD-V-126&127	A610 02C12		A	HVA904052-J 1 3							
CRD-V-118/2627 2	R 522 L5/8.4 SCRAM SOLENOID PILOT CRD-V-126&127	A610 02C12		A	HVA904052-J 1 3							
CRD-V-118/2631 2	R 522 L5/8.4 SCRAM SOLENOID PILOT CRD-V-126&127	A610 02C12		A	HVA904052-J 1 3							
CRD-V-118/2635 2	R 522 K2/8.4 SCRAM SOLENOID PILOT CRD-V-126&127	A610 02C12		A	HVA904052-J 1 3							
CRD-V-118/2639 2	R 522 K2/8.4 SCRAM SOLENOID PILOT CRD-V-126&127	A610 02C12		A	HVA904052-J 1 3							
CRD-V-118/2643 2	R 522 K2/8.4 SCRAM SOLENOID PILOT CRD-V-126&127	A610 02C12		A	HVA904052-J 1 3							
CRD-V-118/2647 2	R 522 K2/8.4 SCRAM SOLENOID PILOT CRD-V-126&127	A610 02C12		A	HVA904052-J 1 3							
CRD-V-118/2651 2	R 522 K2/8.4 SCRAM SOLENOID PILOT CRD-V-126&127	A610 02C12		A	HVA904052-J 1 3							
CRD-V-118/2655 2	R 522 K2/8.4 SCRAM SOLENOID PILOT CRD-V-126&127	A610 02C12		A	HVA904052-J 1 3							
CRD-V-118/2659 2	R 522 K2/8.4 SCRAM SOLENOID PILOT CRD-V-126&127	A610 02C12		A	HVA904052-J 1 3							
CRD-V-118/3003 2	R 522 L5/8.4 SCRAM SOLENOID PILOT CRD-V-126&127	A610 02C12		A	HVA904052-J 1 3							

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR NRC-SURT

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT NO.	UID	QS	USE TEST ANL F70 C FREQ TM HL	EST FIG MODEL NO.
CRD-V-118/3007 2	SCRAM SOLENOID PILOT R 522 L5/8.4	CRD-V-126&127 02C12	A610	A	1 3	HVA904052-J
CRD-V-118/3011 2	SCRAM SOLENOID PILOT R 522 L5/8.4	CRD-V-126&127 02C12	A610	A	1 3	HVA904052-J
CRD-V-118/3015 2	SCRAM SOLENOID PILOT R 522 L5/8.4	CRD-V-126&127 02C12	A610	A	1 3	HVA904052-J
CRD-V-118/3019 2	SCRAM SOLENOID PILOT R 522 L5/8.4	CRD-V-126&127 02C12	A610	A	1 3	HVA904052-J
CRD-V-118/3023 2	SCRAM SOLENOID PILOT R 522 L5/8.4	CRD-V-126&127 02C12	A610	A	1 3	HVA904052-J
CRD-V-118/3027 2	SCRAM SOLENOID PILOT R 522 L5/8.4	CRD-V-126&127 02C12	A610	A	1 3	HVA904052-J
CRD-V-118/3031 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127 02C12	A610	A	1 3	HVA904052-J
CRD-V-118/3035 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127 02C12	A610	A	1 3	HVA904052-J
CRD-V-118/3039 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127 02C12	A610	A	1 3	HVA904052-J
CRD-V-118/3043 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127 02C12	A610	A	1 3	HVA904052-J
CRD-V-118/3047 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127 02C12	A610	A	1 3	HVA904052-J
CRD-V-118/3051 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127 02C12	A610	A	1 3	HVA904052-J
CRD-V-118/3055 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127 02C12	A610	A	1 3	HVA904052-J
CRD-V-118/3059 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127 02C12	A610	A	1 3	HVA904052-J
CRD-V-118/3063 2	SCRAM SOLENOID PILOT R 522 L5/3.7	CRD-V-126&127 02C12	A610	A	1 3	HVA904052-J
CRD-V-118/3067 2	SCRAM SOLENOID PILOT R 522 L5/3.7	CRD-V-126&127 02C12	A610	A	1 3	HVA904052-J
CRD-V-118/3071 2	SCRAM SOLENOID PILOT R 522 L5/3.7	CRD-V-126&127 02C12	A610	A	1 3	HVA904052-J
CRD-V-118/3075 2	SCRAM SOLENOID PILOT R 522 L5/3.7	CRD-V-126&127 02C12	A610	A	1 3	HVA904052-J
CRD-V-118/3079 2	SCRAM SOLENOID PILOT R 522 L5/3.7	CRD-V-126&127 02C12	A610	A	1 3	HVA904052-J
CRD-V-118/3083 2	SCRAM SOLENOID PILOT R 522 L5/3.7	CRD-V-126&127 02C12	A610	A	1 3	HVA904052-J
CRD-V-118/3087 2	SCRAM SOLENOID PILOT R 522 L5/3.7	CRD-V-126&127 02C12	A610	A	1 3	HVA904052-J
CRD-V-118/3091 2	SCRAM SOLENOID PILOT R 522 L5/3.7	CRD-V-126&127 02C12	A610	A	1 3	HVA904052-J
CRD-V-118/3095 2	SCRAM SOLENOID PILOT R 522 L5/3.7	CRD-V-126&127 02C12	A610	A	1 3	HVA904052-J
CRD-V-118/3099 2	SCRAM SOLENOID PILOT R 522 L5/3.7	CRD-V-126&127 02C12	A610	A	1 3	HVA904052-J
CRD-V-118/3103 2	SCRAM SOLENOID PILOT R 522 L5/3.7	CRD-V-126&127 02C12	A610	A	1 3	HVA904052-J
CRD-V-118/3107 2	SCRAM SOLENOID PILOT R 522 L5/3.7	CRD-V-126&127 02C12	A610	A	1 3	HVA904052-J
CRD-V-118/3111 2	SCRAM SOLENOID PILOT R 522 L5/3.7	CRD-V-126&127 02C12	A610	A	1 3	HVA904052-J
CRD-V-118/3115 2	SCRAM SOLENOID PILOT R 522 L5/3.7	CRD-V-126&127 02C12	A610	A	1 3	HVA904052-J
CRD-V-118/3119 2	SCRAM SOLENOID PILOT R 522 L5/3.7	CRD-V-126&127 02C12	A610	A	1 3	HVA904052-J
CRD-V-118/3123 2	SCRAM SOLENOID PILOT R 522 L5/3.7	CRD-V-126&127 02C12	A610	A	1 3	HVA904052-J
CRD-V-118/3127 2	SCRAM SOLENOID PILOT R 522 L5/3.7	CRD-V-126&127 02C12	A610	A	1 3	HVA904052-J
CRD-V-118/3131 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127 02C12	A610	A	1 3	HVA904052-J
CRD-V-118/3135 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127 02C12	A610	A	1 3	HVA904052-J
CRD-V-118/3139 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127 02C12	A610	A	1 3	HVA904052-J
CRD-V-118/3143 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127 02C12	A610	A	1 3	HVA904052-J

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR NRC-SURT

EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE MFG	TEST MODEL NO.	ANL	F70	C	FREQ	TA	HL
2	R 522 K2/3.7	A610										
CRD-V-118/3447	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		A		HVA904052-J						
2	R 522 K2/3.7	A610				1 3						
CRD-V-118/3451	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		A		HVA904052-J						
2	R 522 K2/3.7	A610				1 3						
CRD-V-118/3455	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		A		HVA904052-J						
2	R 522 K2/3.7	A610				1 3						
CRD-V-118/3459	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		A		HVA904052-J						
2	R 522 K2/3.7	A610				1 3						
CRD-V-118/3463	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		A		HVA904052-J						
2	R 522 L5/3.7	A610				1 3						
CRD-V-118/3807	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		A		HVA904052-J						
2	R 522 L5/3.7	A610				1 3						
CRD-V-118/3811	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		A		HVA904052-J						
2	R 522 L5/3.7	A610				1 3						
CRD-V-118/3815	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		A		HVA904052-J						
2	R 522 L5/3.7	A610				1 3						
CRD-V-118/3819	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		A		HVA904052-J						
2	R 522 L5/3.7	A610				1 3						
CRD-V-118/3823	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		A		HVA904052-J						
2	R 522 L5/3.7	A610				1 3						
CRD-V-118/3827	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		A		HVA904052-J						
2	R 522 L5/3.7	A610				1 3						
CRD-V-118/3831	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		A		HVA904052-J						
2	R 522 K2/3.7	A610				1 3						
CRD-V-118/3835	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		A		HVA904052-J						
2	R 522 K2/3.7	A610				1 3						
CRD-V-118/3839	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		A		HVA904052-J						
2	R 522 K2/3.7	A610				1 3						
CRD-V-118/3843	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		A		HVA904052-J						
2	R 522 K2/3.7	A610				1 3						
CRD-V-118/3847	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		A		HVA904052-J						
2	R 522 K2/3.7	A610				1 3						
CRD-V-118/3851	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		A		HVA904052-J						
2	R 522 K2/3.7	A610				1 3						
CRD-V-118/3855	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		A		HVA904052-J						
2	R 522 K2/3.7	A610				1 3						
CRD-V-118/3859	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		A		HVA904052-J						
2	R 522 K2/3.7	A610				1 3						
CRD-V-118/4203	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		A		HVA904052-J						
2	R 522 L5/3.7	A610				1 3						
CRD-V-118/4207	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		A		HVA904052-J						
2	R 522 L5/3.7	A610				1 3						
CRD-V-118/4211	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		A		HVA904052-J						
2	R 522 L5/3.7	A610				1 3						
CRD-V-118/4215	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		A		HVA904052-J						
2	R 522 L5/3.7	A610				1 3						
CRD-V-118/4219	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		A		HVA904052-J						
2	R 522 L5/3.7	A610				1 3						
		A610				HVA904052-J						

EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT NO.	QID	QS	USE	TEST 4FG MODEL NO.	ANL	F/D	C	FREQ	TM	HL
CRD-V-118/4223 2	SCRAM SOLENOID PILOT R 522 L5/3.7	CRD-V-126&127	02C12		A	1 3						
CRD-V-118/4227 2	SCRAM SOLENOID PILOT R 522 L5/3.7	CRD-V-126&127	02C12		A	HVA904052-J						
CRD-V-118/4231 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127	02C12		A	1 3						
CRD-V-118/4235 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127	02C12		A	HVA904052-J						
CRD-V-118/4239 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127	02C12		A	1 3						
CRD-V-118/4243 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127	02C12		A	HVA904052-J						
CRD-V-118/4247 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127	02C12		A	1 3						
CRD-V-118/4251 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127	02C12		A	HVA904052-J						
CRD-V-118/4255 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127	02C12		A	1 3						
CRD-V-118/4259 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127	02C12		A	HVA904052-J						
CRD-V-118/4607 2	SCRAM SOLENOID PILOT R 522 L5/3.7	CRD-V-126&127	02C12		A	1 3						
CRD-V-118/4611 2	SCRAM SOLENOID PILOT R 522 L5/3.7	CRD-V-126&127	02C12		A	HVA904052-J						
CRD-V-118/4615 2	SCRAM SOLENOID PILOT R 522 L5/3.7	CRD-V-126&127	02C12		A	1 3						
CRD-V-118/4619 2	SCRAM SOLENOID PILOT R 522 L5/3.7	CRD-V-126&127	02C12		A	HVA904052-J						
CRD-V-118/4623 2	SCRAM SOLENOID PILOT R 522 L5/3.7	CRD-V-126&127	02C12		A	1 3						
CRD-V-118/4627 2	SCRAM SOLENOID PILOT R 522 L5/3.7	CRD-V-126&127	02C12		A	HVA904052-J						
CRD-V-118/4631 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127	02C12		A	1 3						
CRD-V-118/4635 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127	02C12		A	HVA904052-J						
CRD-V-118/4639 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127	02C12		A	1 3						
CRD-V-118/4643 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127	02C12		A	HVA904052-J						
CRD-V-118/4647 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127	02C12		A	1 3						
CRD-V-118/4651 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127	02C12		A	HVA904052-J						
CRD-V-118/4655 2	SCRAM SOLENOID PILOT R 522 K2/3.7	CRD-V-126&127	02C12		A	1 3						
CRD-V-118/5011 2	SCRAM SOLENOID PILOT R 522 L5/3.7	CRD-V-126&127	02C12		A	HVA904052-J						
CRD-V-118/5015 2	SCRAM SOLENOID PILOT R 522 L5/3.7	CRD-V-126&127	02C12		A	1 3						

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QIC	US	USE TEST MFG MODEL NO.	ANL	F/U	C	FREQ	FM	HL
2	R 522 L5/3.7	A610			HVA904052-J						
CRD-V-118/5019	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		A	1 3						
2	R 522 L5/3.7	A610			HVA904052-J						
CRD-V-118/5023	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		A	1 3						
2	R 522 L5/3.7	A610			HVA904052-J						
CRD-V-118/5027	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		A	1 3						
2	R 522 L5/3.7	A610			HVA904052-J						
CRD-V-118/5031	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		A	1 3						
2	R 522 K2/3.7	A610			HVA904052-J						
CRD-V-118/5035	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		A	1 3						
2	R 522 K2/3.7	A610			HVA904052-J						
CRD-V-118/5039	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		A	1 3						
2	R 522 K2/3.7	A610			HVA904052-J						
CRD-V-118/5043	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		A	1 3						
2	R 522 K2/3.7	A610			HVA904052-J						
CRD-V-118/5047	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		A	1 3						
2	R 522 K2/3.7	A610			HVA904052-J						
CRD-V-118/5051	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		A	1 3						
2	R 522 K2/3.7	A610			HVA904052-J						
CRD-V-118/5415	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		A	1 3						
2	R 522 L5/3.7	A610			HVA904052-J						
CRD-V-118/5419	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		A	1 3						
2	R 522 L5/3.7	A610			HVA904052-J						
CRD-V-118/5423	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		A	1 3						
2	R 522 L5/3.7	A610			HVA904052-J						
CRD-V-118/5427	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		A	1 3						
2	R 522 L5/3.7	A610			HVA904052-J						
CRD-V-118/5431	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		A	1 3						
2	R 522 K2/3.7	A610			HVA904052-J						
CRD-V-118/5435	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		A	1 3						
2	R 522 K2/3.7	A610			HVA904052-J						
CRD-V-118/5439	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		A	1 3						
2	R 522 K2/3.7	A610			HVA904052-J						
CRD-V-118/5443	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		A	1 3						
2	R 522 K2/3.7	A610			HVA904052-J						
CRD-V-118/5447	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		A	1 3						
2	R 522 K2/3.7	A610			HVA904052-J						
CRD-V-118/5819	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		A	1 3						
2	R 522 L5/3.7	A610			HVA904052-J						
CRD-V-118/5823	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		A	1 3						
2	R 522 L5/3.7	A610			HVA904052-J						
CRD-V-118/5827	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		A	1 3						
2	R 522 L5/3.7	A610			HVA904052-J						
CRD-V-118/5831	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		A	1 3						
2	R 522 K2/3.7	A610			HVA904052-J						
CRD-V-118/5835	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		A	1 3						
2	R 522 K2/3.7	A610			HVA904052-J						
CRD-V-118/5839	SCRAM SOLENOID PILOT CRD-V-126&127	02C12		A	1 3						
2	R 522 K2/3.7	A610			HVA904052-J						

EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QIC	QS	USE MFG MODEL NO.	TEST MFG MODEL NO.	ANL	F/O	C	FREQ	TH	HL
CRD-V-116/5843 2	SCRAM SOLENOID PILOT CRD-V-126&127 R 522 K2/3.7	02C12 A610		A	1 3 HVA904052-J							
CRD-V-120 2	1"CHK.SCRAM DISC. FOR VAC.BK. R 544 J.1/5.1	215 V135		A	2 3 B-35772							
CRD-V-120/0219 2	.5"SOLENOID WITHDRAW EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3 HVA1709662A	1 1 1 1	0 2			02		Y
CRD-V-120/0223 2	.5"SOLENOID WITHDRAW EXHAUST VALVE P 522 L5/8.4	02C12 A610		B	1 3 HVA1709662A	1 1 1 1	0 2			02		Y
CRD-V-120/0227 2	.5"SOLENOID WITHDRAW EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3 HVA1709662A	1 1 1 1	0 2			02		Y
CRD-V-120/0231 2	.5"SOLENOID WITHDRAW EXHAUST VALVE R 522 L5/8.4	02C12 A610		H	1 3 HVA1709662A	1 1 1 1	0 2			02		Y
CRD-V-120/0235 2	.5"SOLENOID WITHDRAW EXHAUST VALVE R 522 K2/8.4	02C12 A610		B	1 3 HVA1709662A	1 1 1 1	0 2			02		Y
CRD-V-120/0239 2	.5"SOLENOID WITHDRAW EXHAUST VALVE R 522 K2/8.4	02C12 A610		B	1 3 HVA1709662A	1 1 1 1	0 2			02		Y
CRD-V-120/0243 2	.5"SOLENOID WITHDRAW EXHAUST VALVE R 522 K2/8.4	02C12 A610		B	1 3 HVA1709662A	1 1 1 1	0 2			02		Y
CRD-V-120/0615 2	.5"SOLENOID WITHDRAW EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3 HVA1709662A	1 1 1 1	0 2			02		Y
CRD-V-120/0619 2	.5"SOLENOID WITHDRAW EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3 HVA1709662A	1 1 1 1	0 2			02		Y
CRD-V-120/0623 2	.5"SOLENOID WITHDRAW EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3 HVA1709662A	1 1 1 1	0 2			02		Y
CRD-V-120/0627 2	.5"SOLENOID WITHDRAW EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3 HVA1709662A	1 1 1 1	0 2			02		Y
CRD-V-120/0631 2	.5"SOLENOID WITHDRAW EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3 HVA1709662A	1 1 1 1	0 2			02		Y
CRD-V-120/0635 2	.5"SOLENOID WITHDRAW EXHAUST VALVE R 522 K2/8.4	02C12 A610		B	1 3 HVA1709662A	1 1 1 1	0 2			02		Y
CRD-V-120/0639 2	.5"SOLENOID WITHDRAW EXHAUST VALVE R 522 K2/8.4	02C12 A610		B	1 3 HVA1709662A	1 1 1 1	0 2			02		Y
CRD-V-120/0643 2	.5"SOLENOID WITHDRAW EXHAUST VALVE R 522 K2/8.4	02C12 A610		B	1 3 HVA1709662A	1 1 1 1	0 2			02		Y
CRD-V-120/0647 2	.5"SOLENOID WITHDRAW EXHAUST VALVE R 522 K2/8.4	02C12 A610		B	1 3 HVA1709662A	1 1 1 1	0 2			02		Y
CRD-V-120/1011 2	.5"SOLENOID WITHDRAW EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3 HVA1709662A	1 1 1 1	0 2			02		Y
CRD-V-120/1015 2	.5"SOLENOID WITHDRAW EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3 HVA1709662A	1 1 1 1	0 2			02		Y
CRD-V-120/1019 2	.5"SOLENOID WITHDRAW EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3 HVA1709662A	1 1 1 1	0 2			02		Y
CRD-V-120/1023 2	.5"SOLENOID WITHDRAW EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3 HVA1709662A	1 1 1 1	0 2			02		Y
CRD-V-120/1027 2	.5"SOLENOID WITHDRAW EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3 HVA1709662A	1 1 1 1	0 2			02		Y
CRD-V-120/1031 2	.5"SOLENOID WITHDRAW EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3 HVA1709662A	1 1 1 1	0 2			02		Y
CRD-V-120/1035 2	.5"SOLENOID WITHDRAW EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3 HVA1709662A	1 1 1 1	0 2			02		Y

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT NO.	QID	QS	USE TEST	ANL	F/O	C	FREQ	TM	HL
					4FG MODEL NO.						
2	R 522 K2/8.4	A610			HVA1709662A						
CRD-V-120/1039	.5" SOLENOID WITHDRAW EXHAUST VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 K2/8.4	A610			HVA1709662A						
CRD-V-120/1043	.5" SOLENOID WITHDRAW EXHAUST VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 K2/8.4	A610			HVA1709662A						
CRD-V-120/1047	.5" SOLENOID WITHDRAW EXHAUST VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 K2/8.4	A610			HVA1709662A						
CRD-V-120/1051	.5" SOLENOID WITHDRAW EXHAUST VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 K2/8.4	A610			HVA1709662A						
CRD-V-120/1407	.5" SOLENOID WITHDRAW EXHAUST VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 L5/8.4	A610			HVA1709662A						
CRD-V-120/1411	.5" SOLENOID WITHDRAW EXHAUST VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 L5/8.4	A610			HVA1709662A						
CRD-V-120/1415	.5" SOLENOID WITHDRAW EXHAUST VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 L5/8.4	A610			HVA1709662A						
CRD-V-120/1419	.5" SOLENOID WITHDRAW EXHAUST VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 L5/8.4	A610			HVA1709662A						
CRD-V-120/1423	.5" SOLENOID WITHDRAW EXHAUST VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 L5/8.4	A610			HVA1709662A						
CRD-V-120/1427	.5" SOLENOID WITHDRAW EXHAUST VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 L5/8.4	A610			HVA1709662A						
CRD-V-120/1431	.5" SOLENOID WITHDRAW EXHAUST VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 L5/8.4	A610			HVA1709662A						
CRD-V-120/1435	.5" SOLENOID WITHDRAW EXHAUST VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 K2/8.4	A610			HVA1709662A						
CRD-V-120/1439	.5" SOLENOID WITHDRAW EXHAUST VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 K2/8.4	A610			HVA1709662A						
CRD-V-120/1443	.5" SOLENOID WITHDRAW EXHAUST VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 K2/8.4	A610			HVA1709662A						
CRD-V-120/1447	.5" SOLENOID WITHDRAW EXHAUST VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 K2/8.4	A610			HVA1709662A						
CRD-V-120/1451	.5" SOLENOID WITHDRAW EXHAUST VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 K2/8.4	A610			HVA1709662A						
CRD-V-120/1455	.5" SOLENOID WITHDRAW EXHAUST VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 K2/8.4	A610			HVA1709662A						
CRD-V-120/1803	.5" SOLENOID WITHDRAW EXHAUST VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 L5/8.4	A610			HVA1709662A						
CRD-V-120/1807	.5" SOLENOID WITHDRAW EXHAUST VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 L5/8.4	A610			HVA1709662A						
CRD-V-120/1811	.5" SOLENOID WITHDRAW EXHAUST VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 L5/8.4	A610			HVA1709662A						
CRD-V-120/1815	.5" SOLENOID WITHDRAW EXHAUST VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 L5/8.4	A610			HVA1709662A						
CRD-V-120/1819	.5" SOLENOID WITHDRAW EXHAUST VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 L5/8.4	A610			HVA1709662A						
CRD-V-120/1823	.5" SOLENOID WITHDRAW EXHAUST VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 L5/8.4	A610			HVA1709662A						
CRD-V-120/1827	.5" SOLENOID WITHDRAW EXHAUST VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 L5/8.4	A610			HVA1709662A						

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE	TEST MFG MODEL NO.	ANL	F/O	C	FREQ	TM	HL
CRD-V-120/1831 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-120/1835 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-120/1839 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-120/1843 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-120/1847 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-120/1851 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-120/1855 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-120/1859 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-120/2203 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-120/2207 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-120/2211 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-120/2215 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-120/2219 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-120/2223 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-120/2227 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-120/2231 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-120/2235 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-120/2239 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-120/2243 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-120/2247 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-120/2251 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-120/2255 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-120/2259 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-120/2603 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-120/2607 2	.5" SOLENOID WITHDRAW EXHAUST VALVE	02C12		B	1 3	1 1	0 2			02		Y

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT HFG	QID	QS	USE	TEST HFG MODEL NO.	ANL	F/O	C	FREQ	TM	HL
2 CRD-V-120/2611	R 522 L5/8.4 .5" SOLENOID WITHDRAW EXHAUST VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-120/2615	R 522 L5/8.4 .5" SOLENOID WITHDRAW EXHAUST VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-120/2619	R 522 L5/8.4 .5" SOLENOID WITHDRAW EXHAUST VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-120/2623	R 522 L5/8.4 .5" SOLENOID WITHDRAW EXHAUST VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-120/2627	R 522 L5/8.4 .5" SOLENOID WITHDRAW EXHAUST VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-120/2631	R 522 L5/8.4 .5" SOLENOID WITHDRAW EXHAUST VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-120/2635	R 522 L5/8.4 .5" SOLENOID WITHDRAW EXHAUST VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-120/2639	R 522 K2/8.4 .5" SOLENOID WITHDRAW EXHAUST VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-120/2643	R 522 K2/8.4 .5" SOLENOID WITHDRAW EXHAUST VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-120/2647	R 522 K2/8.4 .5" SOLENOID WITHDRAW EXHAUST VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-120/2651	R 522 K2/8.4 .5" SOLENOID WITHDRAW EXHAUST VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-120/2655	R 522 K2/8.4 .5" SOLENOID WITHDRAW EXHAUST VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-120/2659	R 522 K2/8.4 .5" SOLENOID WITHDRAW EXHAUST VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-120/3003	R 522 L5/8.4 .5" SOLENOID WITHDRAW EXHAUST VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-120/3007	R 522 L5/8.4 .5" SOLENOID WITHDRAW EXHAUST VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-120/3011	R 522 L5/8.4 .5" SOLENOID WITHDRAW EXHAUST VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-120/3015	R 522 L5/8.4 .5" SOLENOID WITHDRAW EXHAUST VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-120/3019	R 522 L5/8.4 .5" SOLENOID WITHDRAW EXHAUST VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-120/3023	R 522 L5/8.4 .5" SOLENOID WITHDRAW EXHAUST VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-120/3027	R 522 L5/8.4 .5" SOLENOID WITHDRAW EXHAUST VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-120/3031	R 522 K2/3.7 .5" SOLENOID WITHDRAW EXHAUST VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-120/3035	R 522 K2/3.7 .5" SOLENOID WITHDRAW EXHAUST VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-120/3039	R 522 K2/3.7 .5" SOLENOID WITHDRAW EXHAUST VALVE	A610 0 2				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-120/3043	R 522 K2/3.7 .5" SOLENOID WITHDRAW EXHAUST VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y

EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG.	QID	QS	USE MFG. M.DLL NO.	TEST M.DLL NO.	ANL	70	C	FREQ	TM	HL
CRD-V-120/3047 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 K2/3.7	02C12 A610		B	1 3 HVA1709662A	1 1	0 2					Y
CRD-V-120/3051 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 K2/3.7	02C12 A610		B	1 3 HVA1709662A	1 1	0 2			02		Y
CRD-V-120/3055 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 K2/3.7	02C12 A610		B	1 3 HVA1709662A	1 1	0 2			02		Y
CRD-V-120/3059 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 K2/3.7	02C12 A610		B	1 3 HVA1709662A	1 1	0 2			02		Y
CRD-V-120/3063 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 L5/3.7	02C12 A610		B	1 3 HVA1709662A	1 1	0 2			02		Y
CRD-V-120/3067 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 L5/3.7	02C12 A610		B	1 3 HVA1709662A	1 1	0 2			02		Y
CRD-V-120/3411 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 L5/3.7	02C12 A610		B	1 3 HVA1709662A	1 1	0 2			02		Y
CRD-V-120/3415 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 L5/3.7	02C12 A610		B	1 3 HVA1709662A	1 1	0 2			02		Y
CRD-V-120/3419 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 L5/3.7	02C12 A610		B	1 3 HVA1709662A	1 1	0 2			02		Y
CRD-V-120/3423 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 L5/3.7	02C12 A610		B	1 3 HVA1709662A	1 1	0 2			02		Y
CRD-V-120/3427 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 L5/3.7	02C12 A610		B	1 3 HVA1709662A	1 1	0 2			02		Y
CRD-V-120/3431 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 K2/3.7	02C12 A610		B	1 3 HVA1709662A	1 1	0 2			02		Y
CRD-V-120/3435 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 K2/3.7	02C12 A610		B	1 3 HVA1709662A	1 1	0 2			02		Y
CRD-V-120/3439 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 K2/3.7	02C12 A610		B	1 3 HVA1709662A	1 1	0 2			02		Y
CRD-V-120/3443 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 K2/3.7	02C12 A610		B	1 3 HVA1709662A	1 1	0 2			02		Y
CRD-V-120/3447 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 K2/3.7	02C12 A610		B	1 3 HVA1709662A	1 1	0 2			02		Y
CRD-V-120/3451 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 K2/3.7	02C12 A610		B	1 3 HVA1709662A	1 1	0 2			02		Y
CRD-V-120/3455 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 K2/3.7	02C12 A610		B	1 3 HVA1709662A	1 1	0 2			02		Y
CRD-V-120/3459 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 K2/3.7	02C12 A610		B	1 3 HVA1709662A	1 1	0 2			02		Y
CRD-V-120/3603 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 L5/3.7	02C12 A610		B	1 3 HVA1709662A	1 1	0 2			02		Y
CRD-V-120/3607 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 L5/3.7	02C12 A610		B	1 3 HVA1709662A	1 1	0 2			02		Y
CRD-V-120/3611 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 L5/3.7	02C12 A610		B	1 3 HVA1709662A	1 1	0 2			02		Y
CRD-V-120/3615 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 L5/3.7	02C12 A610		B	1 3 HVA1709662A	1 1	0 2			02		Y
CRD-V-120/3619 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 L5/3.7	02C12 A610		B	1 3 HVA1709662A	1 1	0 2			02		Y
CRD-V-120/3623 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 L5/3.7	02C12 A610		B	1 3 HVA1709662A	1 1	0 2			02		Y

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT NO.	UID	QS	USE MFG MODEL NO.	TEST MFG MODEL NO.	ANL	F70	C	FREQ	TH	HL
2	R 522 L5/3.7	A610			HVA1709662A							
CRD-V-120/3827	.5" SOLENOID WITHDRAW EXHAUST VALVE	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 L5/3.7	A610			HVA1709662A							
CRD-V-120/3831	.5" SOLENOID WITHDRAW EXHAUST VALVE	02C12		H	1 3	1 1	0 2			02		Y
2	R 522 K2/3.7	A610			HVA1709662A							
CRD-V-120/3835	.5" SOLENOID WITHDRAW EXHAUST VALVE	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 K2/3.7	A610			HVA1709662A							
CRD-V-120/3839	.5" SOLENOID WITHDRAW EXHAUST VALVE	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 K2/3.7	A610			HVA1709662A							
CRD-V-120/3843	.5" SOLENOID WITHDRAW EXHAUST VALVE	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 K2/3.7	A610			HVA1709662A							
CRD-V-120/3847	.5" SOLENOID WITHDRAW EXHAUST VALVE	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 K2/3.7	A610			HVA1709662A							
CRD-V-120/3851	.5" SOLENOID WITHDRAW EXHAUST VALVE	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 K2/3.7	A610			HVA1709662A							
CRD-V-120/3855	.5" SOLENOID WITHDRAW EXHAUST VALVE	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 K2/3.7	A610			HVA1709662A							
CRD-V-120/3859	.5" SOLENOID WITHDRAW EXHAUST VALVE	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 K2/3.7	A610			HVA1709662A							
CRD-V-120/4203	.5" SOLENOID WITHDRAW EXHAUST VALVE	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 L5/3.7	A610			HVA1709662A							
CRD-V-120/4207	.5" SOLENOID WITHDRAW EXHAUST VALVE	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 L5/3.7	A610			HVA1709662A							
CRD-V-120/4211	.5" SOLENOID WITHDRAW EXHAUST VALVE	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 L5/3.7	A610			HVA1709662A							
CRD-V-120/4215	.5" SOLENOID WITHDRAW EXHAUST VALVE	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 L5/3.7	A610			HVA1709662A							
CRD-V-120/4219	.5" SOLENOID WITHDRAW EXHAUST VALVE	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 L5/3.7	A610			HVA1709662A							
CRD-V-120/4223	.5" SOLENOID WITHDRAW EXHAUST VALVE	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 L5/3.7	A610			HVA1709662A							
CRD-V-120/4227	.5" SOLENOID WITHDRAW EXHAUST VALVE	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 L5/3.7	A610			HVA1709662A							
CRD-V-120/4231	.5" SOLENOID WITHDRAW EXHAUST VALVE	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 K2/3.7	A610			HVA1709662A							
CRD-V-120/4235	.5" SOLENOID WITHDRAW EXHAUST VALVE	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 K2/3.7	A610			HVA1709662A							
CRD-V-120/4239	.5" SOLENOID WITHDRAW EXHAUST VALVE	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 K2/3.7	A610			HVA1709662A							
CRD-V-120/4243	.5" SOLENOID WITHDRAW EXHAUST VALVE	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 K2/3.7	A610			HVA1709662A							
CRD-V-120/4247	.5" SOLENOID WITHDRAW EXHAUST VALVE	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 K2/3.7	A610			HVA1709662A							
CRD-V-120/4251	.5" SOLENOID WITHDRAW EXHAUST VALVE	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 K2/3.7	A610			HVA1709662A							
CRD-V-120/4255	.5" SOLENOID WITHDRAW EXHAUST VALVE	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 K2/3.7	A610			HVA1709662A							
CRD-V-120/4259	.5" SOLENOID WITHDRAW EXHAUST VALVE	02C12		B	1 3	1 1	0 2			02		Y
2	R 522 K2/3.7	A610			HVA1709662A							

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT NO.	QID	QS	USE	TEST MODEL NO.	ANL	F/O	C	FREQ	TR	HL
CRD-V-120/4607 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 L5/3.7	02C12 A610		B	1 3	1 1	0 2			01		Y
CRD-V-120/4611 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 L5/3.7	02C12 A610		B	1 3	1 1	0 2			01		Y
CRD-V-120/4615 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 L5/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-120/4619 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 L5/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-120/4623 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 L5/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-120/4627 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 L5/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-120/4631 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 K2/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-120/4635 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 K2/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-120/4639 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 K2/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-120/4643 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 K2/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-120/4647 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 K2/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-120/4651 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 K2/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-120/4655 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 K2/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-120/5011 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 L5/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-120/5015 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 L5/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-120/5019 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 L5/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-120/5023 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 L5/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-120/5027 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 L5/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-120/5031 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 K2/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-120/5035 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 K2/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-120/5039 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 K2/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-120/5043 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 K2/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-120/5047 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 K2/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-120/5051 2	.5" SOLENOID WITHDRAW EXHAUST VALVE R 522 K2/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-120/5415	.5" SOLENOID WITHDRAW EXHAUST VALVE	02C12		B	1 3	1 1	0 2			02		Y

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE MFG	TEST MODEL NO.	AMP	F/0	C	FREQ	TM	HL
2 CRD-V-120/5419	K 522 L5/3.7 .5" SOLENOID WITHDRAW EXHAUST VALVE	A610 02C12		B	HVA1139662A 1 3	1 1	0 2			02		Y
2 CRD-V-120/5423	R 522 L5/3.7 .5" SOLENOID WITHDRAW EXHAUST VALVE	A610 02C12		B	HVA1709662A 1 3	1 1	0 2			02		Y
2 CRD-V-120/5427	K 522 L5/3.7 .5" SOLENOID WITHDRAW EXHAUST VALVE	A610 02C12		B	HVA1709662A 1 3	1 1	0 2			02		Y
2 CRD-V-120/5431	R 522 L5/3.7 .5" SOLENOID WITHDRAW EXHAUST VALVE	A610 02C12		B	HVA1709662A 1 3	1 1	0 2			02		Y
2 CRD-V-120/5435	R 522 K2/3.7 .5" SOLENOID WITHDRAW EXHAUST VALVE	A610 02C12		B	HVA1709662A 1 3	1 1	0 2			02		Y
2 CRD-V-120/5439	R 522 K2/3.7 .5" SOLENOID WITHDRAW EXHAUST VALVE	A610 02C12		B	HVA1709662A 1 3	1 1	0 2			02		Y
2 CRD-V-120/5443	R 522 K2/3.7 .5" SOLENOID WITHDRAW EXHAUST VALVE	A610 02C12		B	HVA1709662A 1 3	1 1	0 2			02		Y
2 CRD-V-120/5447	R 522 K2/3.7 .5" SOLENOID WITHDRAW EXHAUST VALVE	A610 02C12		B	HVA1709662A 1 3	1 1	0 2			02		Y
2 CRD-V-120/5419	P 522 L5/3.7 .5" SOLENOID WITHDRAW EXHAUST VALVE	A610 02C12		B	HVA1709662A 1 3	1 1	0 2			02		Y
2 CRD-V-120/5423	P 522 L5/3.7 .5" SOLENOID WITHDRAW EXHAUST VALVE	A610 02C12		B	HVA1709662A 1 3	1 1	0 2			02		Y
2 CRD-V-120/5427	R 522 L5/3.7 .5" SOLENOID WITHDRAW EXHAUST VALVE	A610 02C12		B	HVA1709662A 1 3	1 1	0 2			02		Y
2 CRD-V-120/5431	R 522 K2/3.7 .5" SOLENOID WITHDRAW EXHAUST VALVE	A610 02C12		B	HVA1709662A 1 3	1 1	0 2			02		Y
2 CRD-V-120/5435	R 522 K2/3.7 .5" SOLENOID WITHDRAW EXHAUST VALVE	A610 02C12		B	HVA1709662A 1 3	1 1	0 2			02		Y
2 CRD-V-120/5439	R 522 K2/3.7 .5" SOLENOID WITHDRAW EXHAUST VALVE	A610 02C12		B	HVA1709662A 1 3	1 1	0 2			02		Y
2 CRD-V-120/5443	R 522 K2/3.7 .5" SOLENOID WITHDRAW EXHAUST VALVE	A610 02C12		B	HVA1709662A 1 3	1 1	0 2			02		Y
2 CRD-V-120/5447	R 522 K2/3.7 .5" SOLENOID WITHDRAW EXHAUST VALVE	A610 02C12		B	HVA1709662A 1 3	1 1	0 2			02		Y
2 CRD-V-120/5419	R 522 K2/3.7 .5" SOLENOID WITHDRAW EXHAUST VALVE	A610 02C12		B	HVA1709662A 1 3	1 1	0 2			02		Y
2 CRD-V-121/0219	R 522 L5/8.4 .5" SOLENOID INSERT EXHAUST VALVE	A610 02C12		B	HVA1709662A 1 3	1 1	0 2			02		Y
2 CRD-V-121/0223	R 522 L5/8.4 .5" SOLENOID INSERT EXHAUST VALVE	A610 02C12		B	HVA1709662A 1 3	1 1	0 2			02		Y
2 CRD-V-121/0227	R 522 L5/8.4 .5" SOLENOID INSERT EXHAUST VALVE	A610 02C12		B	HVA1709662A 1 3	1 1	0 2			02		Y
2 CRD-V-121/0231	R 522 L5/8.4 .5" SOLENOID INSERT EXHAUST VALVE	A610 02C12		B	HVA1709662A 1 3	1 1	0 2			02		Y
2 CRD-V-121/0235	R 522 K2/8.4 .5" SOLENOID INSERT EXHAUST VALVE	A610 02C12		B	HVA1709662A 1 3	1 1	0 2			02		Y
2 CRD-V-121/0239	R 522 K2/8.4 .5" SOLENOID INSERT EXHAUST VALVE	A610 02C12		B	HVA1709662A 1 3	1 1	0 2			02		Y
2 CRD-V-121/0243	R 522 K2/8.4 .5" SOLENOID INSERT EXHAUST VALVE	A610 02C12		B	HVA1709662A 1 3	1 1	0 2			02		Y
2 CRD-V-121/0615	R 522 L5/8.4 .5" SOLENOID INSERT EXHAUST VALVE	A610 02C12		B	HVA1709662A 1 3	1 1	0 2			02		Y
2 CRD-V-121/0619	R 522 L5/8.4 .5" SOLENOID INSERT EXHAUST VALVE	A610 02C12		B	HVA1709662A 1 3	1 1	0 2			02		Y

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT NO.	QID	WS	USE	TEST MFG MODEL NO.	ANL	F/O	C	FREQ	TH	HL
CRD-V-121/0623 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/0627 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/0631 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/0635 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/0639 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/0643 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/0647 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/1011 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/1015 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/1019 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/1023 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/1027 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/1031 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/1035 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/1039 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/1043 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/1047 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/1051 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/1407 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/1411 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/1415 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/1419 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/1423 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/1427 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/1431 2	.5" SOLENOID INSERT EXHAUST VALVE	02C12		B	1 3	1 1	0 2			02		Y

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR NRC-SORT

EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE FG MODEL NO.	TEST ANL	F70	C	FRQ	TM	HL
2	R 522 L5/8.4	A610			HVA1709662A						
CRD-V-121/1435	.5" SOLENOID INSERT EXHAUST VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 K2/8.4	A610			HVA1709662A						
CRD-V-121/1439	.5" SOLENOID INSERT EXHAUST VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 K2/8.4	A610			HVA1709662A						
CRD-V-121/1443	.5" SOLENOID INSERT EXHAUST VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 K2/8.4	A610			HVA1709662A						
CRD-V-121/1447	.5" SOLENOID INSERT EXHAUST VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 K2/8.4	A610			HVA1709662A						
CRD-V-121/1451	.5" SOLENOID INSERT EXHAUST VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 K2/8.4	A610			HVA1709662A						
CRD-V-121/1455	.5" SOLENOID INSERT EXHAUST VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 K2/8.4	A610			HVA1709662A						
CRD-V-121/1803	.5" SOLENOID INSERT EXHAUST VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 L5/8.4	A610			HVA1709662A						
CRD-V-121/1807	.5" SOLENOID INSERT EXHAUST VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 L5/8.4	A610			HVA1709662A						
CRD-V-121/1811	.5" SOLENOID INSERT EXHAUST VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 L5/8.4	A610			HVA1709662A						
CRD-V-121/1815	.5" SOLENOID INSERT EXHAUST VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 L5/8.4	A610			HVA1709662A						
CRD-V-121/1819	.5" SOLENOID INSERT EXHAUST VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 L5/8.4	A610			HVA1709662A						
CRD-V-121/1823	.5" SOLENOID INSERT EXHAUST VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 L5/8.4	A610			HVA1709662A						
CRD-V-121/1827	.5" SOLENOID INSERT EXHAUST VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 L5/8.4	A610			HVA1709662A						
CRD-V-121/1831	.5" SOLENOID INSERT EXHAUST VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 L5/8.4	A610			HVA1709662A						
CRD-V-121/1835	.5" SOLENOID INSERT EXHAUST VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 K2/8.4	A610			HVA1709662A						
CRD-V-121/1839	.5" SOLENOID INSERT EXHAUST VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 K2/8.4	A610			HVA1709662A						
CRD-V-121/1843	.5" SOLENOID INSERT EXHAUST VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 K2/8.4	A610			HVA1709662A						
CRD-V-121/1847	.5" SOLENOID INSERT EXHAUST VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 K2/8.4	A610			HVA1709662A						
CRD-V-121/1851	.5" SOLENOID INSERT EXHAUST VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 K2/8.4	A610			HVA1709662A						
CRD-V-121/1855	.5" SOLENOID INSERT EXHAUST VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 K2/8.4	A610			HVA1709662A						
CRD-V-121/1859	.5" SOLENOID INSERT EXHAUST VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 K2/8.4	A610			HVA1709662A						
CRD-V-121/2203	.5" SOLENOID INSERT EXHAUST VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 L5/8.4	A610			HVA1709662A						
CRD-V-121/2207	.5" SOLENOID INSERT EXHAUST VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 L5/8.4	A610			HVA1709662A						
CRD-V-121/2211	.5" SOLENOID INSERT EXHAUST VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 L5/8.4	A610			HVA1709662A						

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR NRC-304T

EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT NFG	QID	QS	USE	TEST MFG MODEL NO.	ANL	F/D	C	FREQ	TM	HL
CRD-V-121/2215 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/2219 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/2223 2	.5" SOLENOID INSERT EXHAUST VALVE P 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/2227 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/2231 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/2235 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/2239 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/2243 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/2247 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/2251 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/2255 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/2259 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/2603 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/2607 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/2611 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/2615 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/2619 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/2623 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/2627 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/2631 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/2635 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/2639 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/2643 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/2647 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/2651 2	.5" SOLENOID INSERT EXHAUST VALVE	02C12		B	1 3	1 1	0 2			02		Y

WASHINGTON POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR NRC-SQRT

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	US	USE MFG MODEL NO.	TEST MFG MODEL NO.	ANL	F70	C	FREQ	TM	HL
2	R 522 K2/8.4	A610			HVA1709662A							
CRD-V-121/2655 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/2659 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/3003 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/3007 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/3011 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/3015 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRJ-V-121/3019 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/3023 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/3027 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/3031 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/3035 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/3039 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/3043 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/3047 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/3051 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/3055 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/3059 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/3403 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/3407 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/3411 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/3415 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/3419 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/3423 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-121/3427 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR NRC-SURT

EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	UID	QS	USE	TEST MFG MODEL NO.	ANL	F/O	C	FREQ	TH	HL
CRD-V-121/3431 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/3.7	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-121/3435 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/3.7	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-121/3439 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/3.7	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-121/3443 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/3.7	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-121/3447 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/3.7	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-121/3451 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/3.7	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-121/3455 2	.5" SOLENOID INSERT EXHAUST VALVE P 522 K2/3.7	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-121/3459 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/3.7	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-121/3603 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/3.7	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-121/3607 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/3.7	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-121/3611 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/3.7	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-121/3615 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/3.7	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-121/3619 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/3.7	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-121/3623 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/3.7	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-121/3627 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/3.7	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-121/3631 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/3.7	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-121/3635 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/3.7	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-121/3639 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/3.7	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-121/3643 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/3.7	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-121/3647 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/3.7	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-121/3651 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/3.7	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-121/3655 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/3.7	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-121/3659 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/3.7	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-121/4203 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/3.7	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-121/4207 2	.5" SOLENOID INSERT EXHAUST VALVE	02C12		B		1 3 1 1 HVA1709662A	0 2			02		Y

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR NRC-SURT

EQUIPMENT NO. LV	DESCRIPTION FLAVT LOCATION	CONTRACT MFG	QTO	QS	USE	TEST		AVL	F/O	C	FREQ	TM	HL
						MFG	MODEL NO.						
CRD-V-121/4651 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/3.7	02C12 A610			B	1 3	1 1	0 2			02		Y
CRD-V-121/4655 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/3.7	02C12 A610			B	1 3	1 1	0 2			02		Y
CRD-V-121/5011 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/3.7	02C12 A610			B	1 3	1 1	0 2			02		Y
CRD-V-121/5015 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/3.7	02C12 A610			B	1 3	1 1	0 2			02		Y
CRD-V-121/5019 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/3.7	02C12 A610			B	1 3	1 1	0 2			02		Y
CRD-V-121/5023 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/3.7	02C12 A610			B	1 3	1 1	0 2			02		Y
CRD-V-121/5027 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/3.7	02C12 A610			B	1 3	1 1	0 2			02		Y
CRD-V-121/5031 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/3.7	02C12 A610			B	1 3	1 1	0 2			02		Y
CRD-V-121/5035 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/3.7	02C12 A610			B	1 3	1 1	0 2			02		Y
CRD-V-121/5039 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/3.7	02C12 A610			B	1 3	1 1	0 2			02		Y
CRD-V-121/5043 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/3.7	02C12 A610			B	1 3	1 1	0 2			02		Y
CRD-V-121/5047 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/3.7	02C12 A610			B	1 3	1 1	0 2			02		Y
CRD-V-121/5051 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/3.7	02C12 A610			B	1 3	1 1	0 2			02		Y
CRD-V-121/5415 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/3.7	02C12 A610			B	1 3	1 1	0 2			02		Y
CRD-V-121/5419 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/3.7	02C12 A610			B	1 3	1 1	0 2			02		Y
CRD-V-121/5423 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/3.7	02C12 A610			B	1 3	1 1	0 2			02		Y
CRD-V-121/5427 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/3.7	02C12 A610			B	1 3	1 1	0 2			02		Y
CRD-V-121/5431 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/3.7	02C12 A610			B	1 3	1 1	0 2			02		Y
CRD-V-121/5435 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/3.7	02C12 A610			B	1 3	1 1	0 2			02		Y
CRD-V-121/5439 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/3.7	02C12 A610			B	1 3	1 1	0 2			02		Y
CRD-V-121/5443 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/3.7	02C12 A610			B	1 3	1 1	0 2			02		Y
CRD-V-121/5447 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 K2/3.7	02C12 A610			B	1 3	1 1	0 2			02		Y
CRD-V-121/5819 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/3.7	02C12 A610			B	1 3	1 1	0 2			02		Y
CRD-V-121/5823 2	.5" SOLENOID INSERT EXHAUST VALVE R 522 L5/3.7	02C12 A610			B	1 3	1 1	0 2			02		Y
CRD-V-121/5827 2	.5" SOLENOID INSERT EXHAUST VALVE	02C12			B	1 3	1 1	0 2			02		Y

WASHINGTON PORTIC POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR NRC-SURT

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE TEST MFG MODEL NO.	ANL	F/O	C	FREQ	TR	HL
2	R 522 L5/3.7	A610			HVA1709662A						
CRD-V-121/5831	.5" SOLENOID INSERT EXHAUST VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 K2/3.7	A610			HVA1709662A						
CRD-V-121/5835	.5" SOLENOID INSERT EXHAUST VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 K2/3.7	A610			HVA1709662A						
CRD-V-121/5839	.5" SOLENOID INSERT EXHAUST VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 K2/3.7	A610			HVA1709662A						
CRD-V-121/5843	.5" SOLENOID INSERT EXHAUST VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 K2/3.7	A610			HVA1709662A						
CRD-V-122/0219	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 L5/8.4	A610			HVA1709662A						
CRD-V-122/0223	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 L5/8.4	A610			HVA1709662A						
CRD-V-122/0227	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 L5/8.4	A610			HVA1709662A						
CRD-V-122/0231	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 L5/8.4	A610			HVA1709662A						
CRD-V-122/0235	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 K2/8.4	A610			HVA1709662A						
CRD-V-122/0239	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 K2/8.4	A610			HVA1709662A						
CRD-V-122/0243	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 K2/8.4	A610			HVA1709662A						
CRD-V-122/0f15	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 L5/8.4	A610			HVA1709662A						
CRD-V-122/0619	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 L5/8.4	A610			HVA1709662A						
CRD-V-122/0623	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 L5/8.4	A610			HVA1709662A						
CRD-V-122/0627	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 L5/8.4	A610			HVA1709662A						
CRD-V-122/0631	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 L5/8.4	A610			HVA1709662A						
CRD-V-122/0635	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 K2/8.4	A610			HVA1709662A						
CRD-V-122/0639	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 K2/8.4	A610			HVA1709662A						
CRD-V-122/0643	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 K2/8.4	A610			HVA1709662A						
CRD-V-122/0647	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 K2/8.4	A610			HVA1709662A						
CRD-V-122/1011	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 L5/8.4	A610			HVA1709662A						
CRD-V-122/1015	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 L5/8.4	A610			HVA1709662A						
CRD-V-122/1019	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 L5/8.4	A610			HVA1709662A						
CRD-V-122/1023	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 L5/8.4	A610			HVA1709662A						

EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT NO.	QID	QS	USE	TEST MFG MODEL NO.	ANL	F/O	C	FREQ	TM	HL
CRD-V-122/1027 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-122/1031 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 L5/8.4	02C12 A610		C	1 3	1 1	0 2			02		Y
CRD-V-122/1035 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-122/1039 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-122/1043 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-122/1047 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-122/1051 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-122/1407 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-122/1411 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-122/1415 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-122/1419 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-122/1423 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-122/1427 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-122/1431 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-122/1435 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-122/1439 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-122/1443 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-122/1447 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-122/1451 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-122/1455 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-122/1803 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-122/1807 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-122/1811 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-122/1815 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-122/1819 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE TEST MFG MODEL NO.	AVL	F/O	C	FREQ	TM	HL
2	R 522 L5/8.4	A610			HVA1709662A						
CRD-V-122/1823	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 L5/8.4	A610			HVA1709662A						
CRD-V-122/1827	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 L5/8.4	A610			HVA1709662A						
CRD-V-122/1831	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 L5/8.4	A610			HVA1709662A						
CRD-V-122/1833	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 K2/8.4	A610			HVA1709662A						
CRD-V-122/1839	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 K2/8.4	A610			HVA1709662A						
CRD-V-122/1843	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 K2/8.4	A610			HVA1709662A						
CRD-V-122/1847	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 K2/8.4	A610			HVA1709662A						
CRD-V-122/1851	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 K2/8.4	A610			HVA1709662A						
CRD-V-122/1855	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 K2/8.4	A610			HVA1709662A						
CRD-V-122/1859	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 K2/8.4	A610			HVA1709662A						
CRD-V-122/2203	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 L5/8.4	A610			HVA1709662A						
CRD-V-122/2207	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 L5/8.4	A610			HVA1709662A						
CRD-V-122/2211	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 L5/8.4	A610			HVA1709662A						
CRD-V-122/2215	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 L5/8.4	A610			HVA1709662A						
CRD-V-122/2219	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 L5/8.4	A610			HVA1709662A						
CRD-V-122/2223	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 L5/8.4	A610			HVA1709662A						
CRD-V-122/2227	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 L5/8.4	A610			HVA1709662A						
CRD-V-122/2231	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 L5/8.4	A610			HVA1709662A						
CRD-V-122/2235	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 K2/8.4	A610			HVA1709662A						
CRD-V-122/2239	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 K2/8.4	A610			HVA1709662A						
CRD-V-122/2243	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 K2/8.4	A610			HVA1709662A						
CRD-V-122/2247	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 K2/8.4	A610			HVA1709662A						
CRD-V-122/2251	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 K2/8.4	A610			HVA1709662A						
CRD-V-122/2255	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B	1 3 1 1	0 2			02		Y
2	R 522 K2/8.4	A610			HVA1709662A						

EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE	TEST MFG MODEL NO.	ANL	F/O	C	FREQ	TM	HL
CRD-V-122/2259 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1 HVA1709662A	0 2			02		Y
CRD-V-122/2603 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1 HVA1709662A	0 2			02		Y
CRD-V-122/2607 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1 HVA1709662A	0 2			02		Y
CRD-V-122/2611 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1 HVA1709662A	0 2			02		Y
CRD-V-122/2615 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1 HVA1709662A	0 2			02		Y
CRD-V-122/2619 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1 HVA1709662A	0 2			02		Y
CRD-V-122/2623 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1 HVA1709662A	0 2			02		Y
CRD-V-122/2627 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1 HVA1709662A	0 2			02		Y
CRD-V-122/2631 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1 HVA1709662A	0 2			02		Y
CRD-V-122/2635 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1 HVA1709662A	0 2			02		Y
CRD-V-122/2639 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1 HVA1709662A	0 2			02		Y
CRD-V-122/2643 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1 HVA1709662A	0 2			02		Y
CRD-V-122/2647 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1 HVA1709662A	0 2			02		Y
CRD-V-122/2651 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1 HVA1709662A	0 2			02		Y
CRD-V-122/2655 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1 HVA1709662A	0 2			02		Y
CRD-V-122/2659 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1 HVA1709662A	0 2			02		Y
CRD-V-122/3063 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1 HVA1709662A	0 2			02		Y
CRD-V-122/3007 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1 HVA1709662A	0 2			02		Y
CRD-V-122/3011 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1 HVA1709662A	0 2			02		Y
CRD-V-122/3015 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1 HVA1709662A	0 2			02		Y
CRD-V-122/3019 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1 HVA1709662A	0 2			02		Y
CRD-V-122/3023 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1 HVA1709662A	0 2			02		Y
CRD-V-122/3027 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1 HVA1709662A	0 2			02		Y
CRD-V-122/3031 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 K2/3.7	02C12 A610		B	1 3	1 1 HVA1709662A	0 2			02		Y
CRD-V-122/3035 2	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B	1 3	1 1 HVA1709662A	0 2			02		Y

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE	TEST MFG MODEL NO.	ANL	F70	C	FREQ	TM	HL
2 CRD-V-122/3039	R 522 K2/3.7 .5" SOLENOID WITHDRAW DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-122/3043	R 522 K2/3.7 .5" SOLENOID WITHDRAW DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-122/3047	R 522 K2/3.7 .5" SOLENOID WITHDRAW DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-122/3051	R 522 K2/3.7 .5" SOLENOID WITHDRAW DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-122/3055	R 522 K2/3.7 .5" SOLENOID WITHDRAW DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-122/3059	R 522 K2/3.7 .5" SOLENOID WITHDRAW DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-122/3403	R 522 L5/3.7 .5" SOLENOID WITHDRAW DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-122/3407	R 522 L5/3.7 .5" SOLENOID WITHDRAW DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-122/3411	R 522 L5/3.7 .5" SOLENOID WITHDRAW DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-122/3415	R 522 L5/3.7 .5" SOLENOID WITHDRAW DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-122/3419	R 522 L5/3.7 .5" SOLENOID WITHDRAW DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-122/3423	R 522 L5/3.7 .5" SOLENOID WITHDRAW DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-122/3427	R 522 L5/3.7 .5" SOLENOID WITHDRAW DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-122/3431	R 522 K2/3.7 .5" SOLENOID WITHDRAW DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-122/3435	R 522 K2/3.7 .5" SOLENOID WITHDRAW DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-122/3439	R 522 K2/3.7 .5" SOLENOID WITHDRAW DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-122/3443	R 522 K2/3.7 .5" SOLENOID WITHDRAW DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-122/3447	R 522 K2/3.7 .5" SOLENOID WITHDRAW DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-122/3451	R 522 K2/3.7 .5" SOLENOID WITHDRAW DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-122/3455	R 522 K2/3.7 .5" SOLENOID WITHDRAW DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-122/3459	R 522 K2/3.7 .5" SOLENOID WITHDRAW DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-122/3803	R 522 L5/3.7 .5" SOLENOID WITHDRAW DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-122/3807	R 522 L5/3.7 .5" SOLENOID WITHDRAW DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-122/3911	R 522 L5/3.7 .5" SOLENOID WITHDRAW DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT NO.	QID	QS	USE	TEST MFG MODEL NO.	ANL	F/O	C	FREQ	TM	HL
CRD-V-122/3815 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 L5/3.7	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-122/3819 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 L5/3.7	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-122/3823 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 L5/3.7	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-122/3827 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 L5/3.7	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-122/3831 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 K2/3.7	02C12 A610		A		1 3 HVA1709662A	0 2			02		Y
CRD-V-122/3835 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 K2/3.7	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-122/3839 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 K2/3.7	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-122/3843 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 K2/3.7	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-122/3847 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 K2/3.7	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-122/3851 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 K2/3.7	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-122/3855 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 K2/3.7	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-122/3859 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 K2/3.7	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-122/4203 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 L5/3.7	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-122/4207 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 L5/3.7	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-122/4211 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 L5/3.7	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-122/4215 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 L5/3.7	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-122/4219 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 L5/3.7	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-122/4223 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 L5/3.7	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-122/4227 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 L5/3.7	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-122/4231 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 K2/3.7	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-122/4235 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 K2/3.7	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-122/4239 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 K2/3.7	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-122/4243 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 K2/3.7	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-122/4247 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 K2/3.7	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-122/4251 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 K2/3.7	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR NRC-SQRT

EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	WID	MS	USE	TEST MFG MODEL NO.	AVL	F70	C	FREQ	TH	HL
2	R 522 K2/3.7	A610				HVA1709662A						
CRD-V-122/4255	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B		1 3 1 1	0 2			02		Y
2	R 522 K2/3.7	A610				HVA1709662A						
CRD-V-122/4259	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B		1 3 1 1	0 2			02		Y
2	R 522 K2/3.7	A610				HVA1709662A						
CRD-V-122/4607	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B		1 3 1 1	0 2			02		Y
2	R 522 L5/3.7	A610				HVA1709662A						
CRD-V-122/4611	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B		1 3 1 1	0 2			02		Y
2	R 522 L5/3.7	A610				HVA1709662A						
CRD-V-122/4615	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B		1 3 1 1	0 2			02		Y
2	R 522 L5/3.7	A610				HVA1709662A						
CRD-V-122/4619	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B		1 3 1 1	0 2			02		Y
2	R 522 L5/3.7	A610				HVA1709662A						
CRD-V-122/4623	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B		1 3 1 1	0 2			02		Y
2	R 522 L5/3.7	A610				HVA1709662A						
CRD-V-122/4627	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B		1 3 1 1	0 2			02		Y
2	R 522 L5/3.7	A610				HVA1709662A						
CRD-V-122/4631	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B		1 3 1 1	0 2			02		Y
2	R 522 K2/3.7	A610				HVA1709662A						
CRD-V-122/4635	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B		1 3 1 1	0 2			02		Y
2	R 522 K2/3.7	A610				HVA1709662A						
CRD-V-122/4639	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B		1 3 1 1	0 2			02		Y
2	R 522 K2/3.7	A610				HVA1709662A						
CRD-V-122/4643	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B		1 3 1 1	0 2			02		Y
2	R 522 K2/3.7	A610				HVA1709662A						
CRD-V-122/4647	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B		1 3 1 1	0 2			02		Y
2	R 522 K2/3.7	A610				HVA1709662A						
CRD-V-122/4651	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B		1 3 1 1	0 2			02		Y
2	R 522 K2/3.7	A610				HVA1709662A						
CRD-V-122/4655	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B		1 3 1 1	0 2			02		Y
2	R 522 K2/3.7	A610				HVA1709662A						
CRD-V-122/5011	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B		1 3 1 1	0 2			02		Y
2	R 522 L5/3.7	A610				HVA1709662A						
CRD-V-122/5015	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B		1 3 1 1	0 2			02		Y
2	R 522 L5/3.7	A610				HVA1709662A						
CRD-V-122/5019	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B		1 3 1 1	0 2			02		Y
2	R 522 L5/3.7	A610				HVA1709662A						
CRD-V-122/5023	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B		1 3 1 1	0 2			02		Y
2	R 522 L5/3.7	A610				HVA1709662A						
CRD-V-122/5027	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B		1 3 1 1	0 2			02		Y
2	R 522 L5/3.7	A610				HVA1709662A						
CRD-V-122/5031	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B		1 3 1 1	0 2			02		Y
2	R 522 K2/3.7	A610				HVA1709662A						
CRD-V-122/5035	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B		1 3 1 1	0 2			02		Y
2	R 522 K2/3.7	A610				HVA1709662A						
CRD-V-122/5039	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B		1 3 1 1	0 2			02		Y
2	R 522 K2/3.7	A610				HVA1709662A						
CRD-V-122/5043	.5" SOLENOID WITHDRAW DRIVE VALVE	02C12		B		1 3 1 1	0 2			02		Y
2	R 522 K2/3.7	A610				HVA1709662A						

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE MFG MODEL NO.	TEST MFG MODEL NO.	AVL	F/O	C	FRQ	TM	HL
CRD-V-122/5047 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 K2/3.7	02C12 A610		B	1 3 HVA1709662A	1 1	0 2			02		Y
CRD-V-122/5051 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 K2/3.7	02C12 A610		B	1 3 HVA1709662A	1 1	0 2			02		Y
CRD-V-122/5415 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 L5/3.7	02C12 A610		B	1 3 HVA1709662A	1 1	0 2			02		Y
CRD-V-122/5419 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 L5/3.7	02C12 A610		B	1 3 HVA1709662A	1 1	0 2			02		Y
CRD-V-122/5423 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 L5/3.7	02C12 A610		B	1 3 HVA1709662A	1 1	0 2			02		Y
CRD-V-122/5427 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 L5/3.7	02C12 A610		B	1 3 HVA1709662A	1 1	0 2			02		Y
CRD-V-122/5431 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 K2/3.7	02C12 A610		B	1 3 HVA1709662A	1 1	0 2			02		Y
CRD-V-122/5435 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 K2/3.7	02C12 A610		B	1 3 HVA1709662A	1 1	0 2			02		Y
CRD-V-122/5439 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 K2/3.7	02C12 A610		B	1 3 HVA1709662A	1 1	0 2			02		Y
CRD-V-122/5443 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 K2/3.7	02C12 A610		B	1 3 HVA1709662A	1 1	0 2			02		Y
CRD-U-122/5447 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 K2/3.7	02C12 A610		B	1 3 HVA1709662A	1 1	0 2			02		Y
CRD-V-122/5819 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 L5/3.7	02C12 A610		B	1 3 HVA1709662A	1 1	0 2			02		Y
CRD-V-122/5823 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 L5/3.7	02C12 A610		B	1 3 HVA1709662A	1 1	0 2			02		Y
CRD-V-122/5827 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 L5/3.7	02C12 A610		B	1 3 HVA1709662A	1 1	0 2			02		Y
CRD-V-122/5831 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 K2/3.7	02C12 A610		B	1 3 HVA1709662A	1 1	0 2			02		Y
CRD-V-122/5835 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 K2/3.7	02C12 A610		B	1 3 HVA1709662A	1 1	0 2			02		Y
CRD-V-122/5839 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 K2/3.7	02C12 A610		B	1 3 HVA1709662A	1 1	0 2			02		Y
CRD-V-122/5843 2	.5" SOLENOID WITHDRAW DRIVE VALVE R 522 K2/3.7	02C12 A610		B	1 3 HVA1709662A	1 1	0 2			02		Y
CRD-V-123/0219 2	.5" SOLENOID INSERT DRIVE VALVE R 522 L5/8.4	02C12 A610		B	1 3 HVA1709662A	1 1	0 2			02		Y
CRD-V-123/0223 2	.5" SOLENOID INSERT DRIVE VALVE R 522 L5/8.4	02C12 A610		B	1 3 HVA1709662A	1 1	0 2			02		Y
CRD-V-123/0227 2	.5" SOLENOID INSERT DRIVE VALVE R 522 L5/8.4	02C12 A610		B	1 3 HVA1709662A	1 1	0 2			02		Y
CRD-V-123/0231 2	.5" SOLENOID INSERT DRIVE VALVE R 522 L5/8.4	02C12 A610		B	1 3 HVA1709662A	1 1	0 2			02		Y
CRD-V-123/0235 2	.5" SOLENOID INSERT DRIVE VALVE R 522 L2/8.4	02C12 A610		B	1 3 HVA1709662A	1 1	0 2			02		Y
CRD-V-123/0239 2	.5" SOLENOID INSERT DRIVE VALVE R 522 L2/8.4	02C12 A610		B	1 3 HVA1709662A	1 1	0 2			02		Y
CRD-V-123/0243 2	.5" SOLENOID INSERT DRIVE VALVE	02C12		B	1 3 HVA1709662A	1 1	0 2			02		Y

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	JID	QS	USE	TEST MFG N/CCEL NO.	ANL	F/U	C	FREQ	TM	HL
2 CRD-V-123/0615	R 522 K2/8.4 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12			B	HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/0619	R 522 L5/8.4 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12			B	HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/0623	R 522 L5/8.4 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12			B	HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/0627	R 522 L5/8.4 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12			B	HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/0631	R 522 L5/8.4 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12			B	HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/0635	R 522 K2/8.4 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12			B	HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/0639	R 522 K2/8.4 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12			B	HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/0643	R 522 K2/8.4 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12			B	HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/0647	R 522 K2/8.4 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12			B	HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/1011	R 522 L5/8.4 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12			B	HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/1015	R 522 L5/8.4 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12			B	HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/1019	R 522 L5/8.4 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12			B	HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/1023	R 522 L5/8.4 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12			B	HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/1027	R 522 L5/8.4 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12			B	HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/1031	R 522 L5/8.4 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12			B	HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/1035	R 522 K2/8.4 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12			B	HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/1039	R 522 K2/8.4 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12			B	HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/1043	R 522 K2/8.4 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12			B	HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/1047	R 522 K2/8.4 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12			B	HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/1051	R 522 K2/8.4 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12			B	HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/1417	R 522 L5/8.4 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12			B	HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/1411	R 522 L5/8.4 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12			B	HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/1415	R 522 L5/8.4 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12			B	HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/1419	R 522 L5/8.4 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12			B	HVA1709662A 1 3 1 1	0 2			02		Y

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR NRC-SURT

EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT NO.	QID	QS	USE	TEST MFG MODEL NO.	AVL	F70	C	FREQ	TM	HL
CRD-V-123/1423 2	.5" SOLENOID INSERT DRIVE VALVE R 522 L5/8.4	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-123/1427 2	.5" SOLENOID INSERT DRIVE VALVE R 522 L5/8.4	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-123/1431 2	.5" SOLENOID INSERT DRIVE VALVE R 522 L5/8.4	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-123/1435 2	.5" SOLENOID INSERT DRIVE VALVE R 522 K2/8.4	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-123/1439 2	.5" SOLENOID INSERT DRIVE VALVE R 522 K2/8.4	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-123/1443 2	.5" SOLENOID INSERT DRIVE VALVE R 522 K2/8.4	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-123/1447 2	.5" SOLENOID INSERT DRIVE VALVE R 522 K2/8.4	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-123/1451 2	.5" SOLENOID INSERT DRIVE VALVE R 522 K2/8.4	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-123/1455 2	.5" SOLENOID INSERT DRIVE VALVE R 522 K2/8.4	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-123/1803 2	.5" SOLENOID INSERT DRIVE VALVE R 522 L5/8.4	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-123/1807 2	.5" SOLENOID INSERT DRIVE VALVE R 522 L5/8.4	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-123/1811 2	.5" SOLENOID INSERT DRIVE VALVE R 522 L5/8.4	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-123/1815 2	.5" SOLENOID INSERT DRIVE VALVE R 522 L5/8.4	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-123/1819 2	.5" SOLENOID INSERT DRIVE VALVE R 522 L5/8.4	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-123/1823 2	.5" SOLENOID INSERT DRIVE VALVE R 522 L5/8.4	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-123/1827 2	.5" SOLENOID INSERT DRIVE VALVE R 522 L5/8.4	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-123/1831 2	.5" SOLENOID INSERT DRIVE VALVE R 522 L5/8.4	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-123/1835 2	.5" SOLENOID INSERT DRIVE VALVE R 522 K2/8.4	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-123/1839 2	.5" SOLENOID INSERT DRIVE VALVE R 522 K2/8.4	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-123/1843 2	.5" SOLENOID INSERT DRIVE VALVE R 522 K2/8.4	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-123/1847 2	.5" SOLENOID INSERT DRIVE VALVE R 522 K2/8.4	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-123/1851 2	.5" SOLENOID INSERT DRIVE VALVE R 522 K2/8.4	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-123/1855 2	.5" SOLENOID INSERT DRIVE VALVE R 522 K2/8.4	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-123/1859 2	.5" SOLENOID INSERT DRIVE VALVE R 522 K2/8.4	02C12 A610		B		1 3 1 1 HVA1709662A	0 2			02		Y
CRD-V-123/2203 2	.5" SOLENOID INSERT DRIVE VALVE	02C12		B		1 3 1 1 HVA1709662A	0 2			02		Y

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR NRC-SGRT

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE	TEST MFG MODEL NO.	ANL	F/O	C	FREQ	TM	HL
2 CRD-V-123/2207	R 522 L5/8.4 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/2211	R 522 L5/8.4 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/2215	R 522 L5/8.4 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/2215	R 522 L5/8.4 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/2223	R 522 L5/8.4 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12				HVA1719662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/2227	R 522 L5/8.4 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/2231	R 522 L5/8.4 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/2235	R 522 L5/8.4 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/2239	R 522 K2/8.4 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/2243	R 522 K2/8.4 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/2247	R 522 K2/8.4 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/2251	R 522 K2/8.4 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/2255	R 522 K2/8.4 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/2259	R 522 K2/8.4 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/2605	R 522 L5/8.4 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/2607	R 522 L5/8.4 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/2611	R 522 L5/8.4 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/2615	R 522 L5/8.4 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/2619	R 522 L5/8.4 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/2623	R 522 L5/8.4 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/2627	R 522 L5/8.4 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/2631	R 522 L5/8.4 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/2635	R 522 K2/8.4 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/2639	R 522 K2/8.4 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y

EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT NO.	UID	OS	USE	TEST MFG MODEL NO.	ANL	F/O	C	FREQ	TM	HL
CRD-V-123/2643 2	.5" SOLENOID INSERT DRIVE VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-123/2647 2	.5" SOLENOID INSERT DRIVE VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-123/2651 2	.5" SOLENOID INSERT DRIVE VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-123/2655 2	.5" SOLENOID INSERT DRIVE VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-123/2659 2	.5" SOLENOID INSERT DRIVE VALVE R 522 K2/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-123/3003 2	.5" SOLENOID INSERT DRIVE VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-123/3007 2	.5" SOLENOID INSERT DRIVE VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-123/3011 2	.5" SOLENOID INSERT DRIVE VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-123/3015 2	.5" SOLENOID INSERT DRIVE VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-123/3019 2	.5" SOLENOID INSERT DRIVE VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-123/3023 2	.5" SOLENOID INSERT DRIVE VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-123/3027 2	.5" SOLENOID INSERT DRIVE VALVE R 522 L5/8.4	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-123/3031 2	.5" SOLENOID INSERT DRIVE VALVE R 522 K2/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-123/3035 2	.5" SOLENOID INSERT DRIVE VALVE R 522 K2/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-123/3039 2	.5" SOLENOID INSERT DRIVE VALVE R 522 K2/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-123/3043 2	.5" SOLENOID INSERT DRIVE VALVE R 522 K2/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-123/3047 2	.5" SOLENOID INSERT DRIVE VALVE R 522 K2/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-123/3051 2	.5" SOLENOID INSERT DRIVE VALVE R 522 K2/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-123/3055 2	.5" SOLENOID INSERT DRIVE VALVE R 522 K2/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-123/3059 2	.5" SOLENOID INSERT DRIVE VALVE R 522 K2/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-123/3403 2	.5" SOLENOID INSERT DRIVE VALVE R 522 L5/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-123/3407 2	.5" SOLENOID INSERT DRIVE VALVE R 522 L5/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-123/3411 2	.5" SOLENOID INSERT DRIVE VALVE R 522 L5/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-123/3415 2	.5" SOLENOID INSERT DRIVE VALVE R 522 L5/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-123/3419 2	.5" SOLENOID INSERT DRIVE VALVE R 522 L5/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE 4FG MODEL NO.	TEST ANL	F/O	C	FREQ	FM	HL
2 CRD-V-123/3423	R 522 L5/3.7 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12		B	HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/3427	R 522 L5/3.7 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12		B	HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/3431	R 522 L5/3.7 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12		B	HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/3435	R 522 K2/3.7 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12		B	HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/3439	R 522 K2/3.7 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12		B	HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/3443	R 522 K2/3.7 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12		B	HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/3447	R 522 K2/3.7 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12		B	HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/3451	R 522 K2/3.7 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12		B	HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/3455	R 522 K2/3.7 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12		B	HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/3459	R 522 K2/3.7 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12		B	HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/3813	R 522 L5/3.7 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12		B	HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/3817	R 522 L5/3.7 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12		B	HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/3811	R 522 L5/3.7 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12		B	HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/3815	R 522 L5/3.7 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12		B	HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/3819	R 522 L5/3.7 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12		B	HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/3823	R 522 L5/3.7 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12		B	HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/3827	R 522 L5/3.7 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12		B	HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/3831	R 522 K2/3.7 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12		B	HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/3835	R 522 K2/3.7 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12		B	HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/3839	R 522 K2/3.7 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12		B	HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/3843	R 522 K2/3.7 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12		B	HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/3847	R 522 K2/3.7 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12		B	HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/3851	R 522 K2/3.7 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12		B	HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/3855	R 522 K2/3.7 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12		B	HVA1709662A 1 3 1 1	0 2			02		Y

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR NRC-SURT

EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE	TEST MFG MODEL NO.	ANL	F/D	C	FREQ	TR	HL
CRD-V-123/3859 2	.5" SOLENOID INSERT DRIVE VALVE R 522 K2/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-123/4213 2	.5" SOLENOID INSERT DRIVE VALVE R 522 L5/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-123/4217 2	.5" SOLENOID INSERT DRIVE VALVE R 522 L5/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-123/4211 2	.5" SOLENOID INSERT DRIVE VALVE R 522 L5/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-123/4215 2	.5" SOLENOID INSERT DRIVE VALVE R 522 L5/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-123/4219 2	.5" SOLENOID INSERT DRIVE VALVE R 522 L5/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-123/4223 2	.5" SOLENOID INSERT DRIVE VALVE R 522 L5/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-123/4227 2	.5" SOLENOID INSERT DRIVE VALVE R 522 L5/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-123/4231 2	.5" SOLENOID INSERT DRIVE VALVE R 522 K2/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-123/4235 2	.5" SOLENOID INSERT DRIVE VALVE R 522 K2/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-123/4239 2	.5" SOLENOID INSERT DRIVE VALVE R 522 K2/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-123/4243 2	.5" SOLENOID INSERT DRIVE VALVE R 522 K2/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-123/4247 2	.5" SOLENOID INSERT DRIVE VALVE R 522 K2/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-123/4251 2	.5" SOLENOID INSERT DRIVE VALVE R 522 K2/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-123/4255 2	.5" SOLENOID INSERT DRIVE VALVE R 522 K2/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-123/4259 2	.5" SOLENOID INSERT DRIVE VALVE R 522 K2/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-123/4607 2	.5" SOLENOID INSERT DRIVE VALVE R 522 L5/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-123/4611 2	.5" SOLENOID INSERT DRIVE VALVE R 522 L5/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-123/4615 2	.5" SOLENOID INSERT DRIVE VALVE R 522 L5/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-123/4619 2	.5" SOLENOID INSERT DRIVE VALVE R 522 L5/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-123/4623 2	.5" SOLENOID INSERT DRIVE VALVE R 522 L5/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-123/4627 2	.5" SOLENOID INSERT DRIVE VALVE R 522 L5/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-123/4631 2	.5" SOLENOID INSERT DRIVE VALVE R 522 K2/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-123/4635 2	.5" SOLENOID INSERT DRIVE VALVE R 522 K2/3.7	02C12 A610		B	1 3	1 1	0 2			02		Y
CRD-V-123/4639 2	.5" SOLENOID INSERT DRIVE VALVE	02C12		B	1 3	1 1	0 2			02		Y

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR NRC-SURT

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT NFG	QID	WS	USE	TEST MFG MODEL NO.	ANL	F70	C	FREQ	FM	HL
2 CRD-V-123/4643	R 522 K2/3.7 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/4647	R 522 K2/3.7 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/4651	R 522 K2/3.7 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/4655	R 522 K2/3.7 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/5011	R 522 L5/3.7 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/5015	R 522 L5/3.7 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/5019	R 522 L5/3.7 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/5023	R 522 L5/3.7 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/5027	R 522 L5/3.7 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/5031	R 522 K2/3.7 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/5035	R 522 K2/3.7 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/5039	R 522 K2/3.7 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/5043	R 522 K2/3.7 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/5047	R 522 K2/3.7 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/5051	R 522 K2/3.7 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/5415	R 522 L5/3.7 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/5419	R 522 L5/3.7 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/5423	R 522 L5/3.7 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/5427	R 522 L5/3.7 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/5431	R 522 K2/3.7 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/5435	R 522 K2/3.7 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/5439	R 522 K2/3.7 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/5443	R 522 K2/3.7 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y
2 CRD-V-123/5447	R 522 K2/3.7 .5" SOLENOID INSERT DRIVE VALVE	A610 02C12				HVA1709662A 1 3 1 1	0 2			02		Y

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR ARC-SQRT

EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE	TEST MFG MODEL NO.	ANL	F/O	C	FREQ	TM	HL
CVB-V-1E 2	24" CHK VAC RELIEF TO DRYWELL C 492 93 D AZ R35	213 A415	361901	M	2 0	CV1-L-TYPE 2 0	0 1				P	Y
CVB-V-1E+ 1	C 492 93 D AZ R35											
CVB-V-1F 2	24" CHK VAC RELIEF TO DRYWELL C 492 93 D AZ R35	213 A415	361901	M	2 0	CV1-L-TYPE 2 0	0 1				P	Y
CVB-V-1F+ 1	C 492 93 D AZ R35											
CVB-V-1G 2	24" CHK VAC RELIEF TO DRYWELL C 441 153 D AZ R35	213 A415	361901	M	2 0	CV1-L-TYPE 2 0	0 1				P	Y
CVB-V-1G+ 1	C 441 153 D AZ R35											
CVB-V-1H 2	24" 0"CHK. VAC. RELIEF TO DRYWELL C 492 153 D AZ R35	213 A415	361901	M	2 0	CV1-L-TYPE 2 0	0 1				P	Y
CVB-V-1H+ 1	C 492 153 D AZ R35											
CVB-V-1J 2	24" CHECK VAC RELIEF TO DRYWELL C 492 175 D AZ R35	213 A415	361901	M	2 0	CV1-L-TYPE 2 0	0 1				P	Y
CVB-V-1J+ 1	C 492 175 D AZ R35											
CVB-V-1K 2	24" CHK VAC RELIEF TO DRYWELL C 492 175 D AZ R35	213 A415	361901	M	2 0	CV1-L-TYPE 2 0	0 1				P	Y
CVB-V-1K+ 1	C 492 175 D AZ R35											
CVB-V-1L 2	24" CHECK VAC RELIEF TO DRYWELL C 492 196 D AZ R35	213 A415	361901	M	2 0	CV1-L-TYPE 2 0	0 1				P	Y
CVB-V-1L+ 1	C 492 196 D AZ R35											
CVB-V-1M 2	24" CHECK VAC RELIEF TO DRYWELL C 492 196 D AZ R35	213 A415	361901	M	2 0	CV1-L-TYPE 2 0	0 1				P	Y
CVB-V-1M+ 1	C 492 196 D AZ R35											
CVB-V-1N 2	24" CHECK VAC RELIEF TO DRYWELL C 492 260 D AZ R35	213 A415	361901	M	2 0	CV1-L-TYPE 2 0	0 1				P	Y
CVB-V-1N+ 1	C 492 260 D AZ R35											
CVB-V-1P 2	24" CHECK VAC RELIEF TO DRYWELL C 492 260 D AZ R35	213 A415	361901	M	2 0	CV1-L-TYPE 2 0	0 1				P	Y
CVB-V-1P+ 1	C 492 260 D AZ R35											
CVB-V-1Q 2	24" CHECK VAC RELIEF TO DRYWELL C 492 344 D AZ R35	213 A415	361901	M	2 0	CV1-L-TYPE 2 0	0 1				P	Y
CVB-V-1Q+ 1	COMPOSITE OF CVB-V-1Q C 492 344 D AZ R35											
CVB-V-1R 2	24" CHECK VAC RELIEF TO DRYWELL C 492 344 D AZ R35	213 A415	361901	M	2 0	CV1-L-TYPE 2 0	0 1				P	Y
CVB-V-1R+ 1	C 492 344 D AZ R35											
CVB-V-1S	24" CHK VAC RELIEF TO DRYWELL	213	361901	M	2 0		0 1				P	Y

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR NRC-SQRT

EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE	TEST MFG MODEL NO.	A4L	F70	C	FREQ	TM	IL
CVH-V-1S+ 1	C 492 281 D AZ R35	A415				CV1-L-TYPE 2 0						
CVB-V-1T 2	C 492 281 D AZ R35 24" CHK VAC RELIEF TO DRYWELL	213	361901	N			0 1				P	Y
CVB-V-1T+ 1	C 492 281 D AZ R35	A415				CV1-L-TYPE 2 0						
DCW-P-1A1 2	C 492 281 D AZ R35 COOLING WATER TO DIESEL ENG A1 D 441 Q/6.1	53	233001	N		P 8347007 4 0						N
DCW-P-1A2 2	C 492 281 D AZ R35 COOLING WATER TO DIESEL ENG A2 D 441 R/6.1	53	233001	N		P 8347007 4 0						N
DCW-P-1B1 2	C 492 281 D AZ R35 COOLING WATER TO DIESEL ENG B1 D 441 Q/7.8	53	233001	N		P 8347007 4 0						N
DCW-P-1B2 2	C 492 281 D AZ R35 COOLING WATER TO DIESEL ENG-B2 D 441 R/7.8	53	233001	N		P 8347007 4 0						N
DCW-P-1C 2	C 492 281 D AZ R35 MPCS ENGINE DRIVER WATER PUMP D 441 Q/5.1	02	233001	N		P 8347007 4 0						N
DCW-P-2A1 2	C 492 281 D AZ R35 COOLING WATER TO DIESEL ENG 1A D 441 Q/6.1	53	233002	N		P 8249001 4 0						N
DCW-P-2A2 2	C 492 281 D AZ R35 COOLING WATER TO DIESEL ENG A2 D 441 R/6.1	53	233002	N		P 8249001 4 0						N
DCW-P-2B1 2	C 492 281 D AZ R35 COOLING WATER TO DIESEL ENG B1 D 441 R/7.8	53	233002	N		P 8249001 4 0						N
DCW-P-2B2 2	C 492 281 D AZ R35 COOLING WATER TO DIESEL ENG B2 D 441 R/7.8	53	233002	N		P 8249001 4 0						N
DCW-P-2C 2	C 492 281 D AZ R35 MPCS ENGINE DRIVEN WATER PUMP D 441 Q/5.1	53	233002	N		P 8249001 4 0						N
DEA-FN-11 2	EXHAUST FAN LOOP A D.G. ROOM D 455 P.3/6.8	22A	145003	N		4 3 48-26.5 1170 A-P 4 3	0 1			70		N
DEA-FN-11+ 1	EXHAUST FAN D.G. RM LOOPA (DIV 1) D 455 P.3/6.8											
DEA-FN-12 2	EXHAUST FAN (DAY TANK ROOM) D 441 Q.9/7.0	28	145014	N		4 3 745-9789 4 3	0 1			99+		N
DEA-FN-12+ 1	EXHAUST FAN (DAY TK ROOM-LOOPA) D 441 Q.9/7.0											
DEA-FN-13 2	EXHAUST FAN (LOOP "A" PUMP ROOM) D 441 P.7/3.4	28	145014	N		4 3 745-9789 4 3	0 1			99+		N
DEA-FN-13+ 1	EXHAUST FAN (LOOP A PUMP ROOM) D 441 P.7/3.4											
DEA-FN-21 2	EXHAUST FAN LOOP B D.G. ROOM D 455 P.3/8.4	22A	145003	N		4 3 48-26.5 1170 A-P 4 3	0 1			70		N
DEA-FN-21+ 1	EXHAUST FAN D.G. ROOM (LOOP B) DIV2 D 455 P.3/8.4											
DEA-FN-22 2	EXHAUST FAN (DAY TANK ROOM D-111) D 441 Q.1/9.3	29	145014	N		4 3 745-9789 4 3	0 1			99+		N
DEA-FN-22+ 1	EXHAUST FAN (LOOP B DAY TK ROOM) D 441 Q.1/9.3											
DEA-FN-23 2	EXHAUST FAN (LOOP "B" OIL ROOM) D 441 P.7/3.4	28	145014	N		4 3 745-9789 4 3	0 1			99+		N

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT NO.	QID	QS	USE	TEST MFG MODEL NO.	ANL	F/O	C	FREQ	TM	HL
DEA-FN-25+ 1	EXHAUST FAN (LOOP 3 PUMP ROOM) D 441 P.7/3.4					4 3						
DEA-FN-31 2	EXHAUST FAN HPCS D.G. ROOM D 455 P.3/4.0	22A	145003	N		4 3	0 1			70		N
DEA-FN-31+ 1	EXHAUST FAN HPCS DIESEL ROOM (DIV 3) D 455 P.3/4.0	J127				48-26.5 1170 A-P 4 3						
DEA-FN-32 2	EXHAUST FAN (DAY TANK ROOM) D 455 Q.8/3.9	28	145014	N		4 3	0 1			99+		N
DEA-FN-32+ 1	EXHAUST FAN (HPCS ROOM DAY TK ROOM) D 455 Q.8/3.9	B515				745-9789 4 3						
DEA-FN-33 2	EXHAUST FAN (HPCS OIL PUMP ROOM) D 441 R.3/3.4	28	145014	N		4 3	0 1			99+		N
DEA-FN-33+ 1	EXHAUST FAN (DIV 3 PUMP ROOM) D 441 R.3/3.4	D515				745-9789 4 3						
DEA-FN-51 2	EXHAUST D.G. BLDG. CORRIDOR D 455 P.1/3.8	22A	145005	A		4 3	0 1			48		N
DEA-FN-51+ 1	EXHAUST FAN D.G. BLDG. CORRIDOR D 455 P.1/3.8	J127				18-14-1750 SER.1000 4 3						
DEA-FN-52 2	EXH.FAN STORAGE ROOM TO WASTE BLDG D 467 Q.0/9.5	22A	145005	A		4 3	0 1			48		4
DG-ENG-1A 2	UNIT A DIESEL GENERATOR ENG #1 D 441 R/5.6	53	112001	N		18-14-1750 SER.1000 4 0						N
DG-ENG-1A+ 1	DIESEL GENERATOR DIV 1 D 441 R/5.6	E160				20-645-E4 4 0						
DG-ENG-1B 2	UNIT B DIESEL GENERATOR ENG. #1 D 441 R/7.4	53	112001	N		20-645-E4 4 0						N
DG-ENG-1B+ 1	DIESEL GENERATOR DIV 2 D 441 Q/5.6	E160				20-645-E4 4 0						
DG-ENG-1C 2	DIESEL ENGINE FOR HPCS SYSTEM D 441 Q.R/5.0	02E22	112001	R		20-645-E4 4 0						
DG-ENG-1C+ 1	DIESEL GENERATOR HPCS SYSTEM D 441 R/7.4	G082				20-624-E4 4 0						
DG-ENG-2A 2	UNIT A DIESEL GENERATOR ENG.#2 D 441 Q/5.6	53	112001	N		20-624-E4 4 0						N
DG-ENG-2B 2	UNIT B DIESEL GENERATOR ENG. #2 D 441 Q/7.4	53	112001	N		20-624-E4 4 0						N
DJ-J--1A1 2	SCAVENGING OIL PUMP DG-ENG-1A D 441 Q.0/6.1	53	233018	N		20-645-E4 4 0						N
DLO--1A2 2	SCAVENGING LUBE OIL PUMP DE-ENG-2A D 441 R.0/6.1	53	233018	N		P 8252842 4 0						N
DLO--1B1 2	SCAVENGING LUBE OIL PUMP DG-ENG-1B D 441 Q.3/7.8	53	233018	N		P 8252842 4 0						N
DLO--1B2 2	SCAVENGING LUBE OIL PUMP DG-ENG-2B D 441 R.0/7.8	53	233018	N		P 8252842 4 0						N
DLO--2A1 2	SOAK-BACK LUBE OIL PUMP DG-ENG-1A D 441 Q/6	53	233004	N		P 8252842 4 0						N
DLO--2A2 2	SOAK-BACK LUBE OIL PUMP DG-ENG-2A D 441 R.2/6	53	233004	N		P 8336678 4 0						N
DLO--2B1 2	SOAK-BACK LUBE OIL PUMP DG-ENG-1B D 441 R.2/6	53	233004	N		P 8336678 4 0						N

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR NRC-SURT

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE MFG	TEST MODEL NO.	ANL	F/O	C	FREQ	TM	HL
DL0-P-202 2	D 441 Q/B SOAK-BACK LUBE OIL PUMP DG-ENG-2B	S407 53	233004	N	P 833667B 4 3							
DL0-P-3A1 2	D 441 R2/8 CIRCULATE LUBE OIL PUMP DG-ENG-1A	S407 53	233019	N	P 833667B 4 0							
DL0-P-3A2 2	D 441 Q/6.1 CIRCULATE LUBE OIL PUMP DG-ENG-2A	V125 53	233019	N	GB920-9089635 4 0							
DL0-P-3B1 2	D 441 R/6.1 CIRCULATE LUBE OIL PUMP DG-ENG-1B	V125 53	233019	N	GB920-9089635 4 0							
DL0-P-3B2 2	D 441 Q/7.8 CIRCULATE LUBE OIL PUMP DG-ENG-2B	V125 53	233019	N	GB920-9089635 4 0							
DL0-P-4A1 2	D 441 R/7.8 MAIN LUBE PUMP DG-ENG-A1	V125 53	233019	N	GB920-9089635 4 0							
DL0-P-4A2 2	D 441 Q.0/6.1 MAIN LUBE PUMP DG-ENG-B1	S407 53	233019	N	P 8360554 4 0							
DL0-P-4B1 2	D 441 R.3/6.1 MAIN LUBE PUMP DG-ENG-B1	S407 53	233019	N	P 8360554 4 0							
DL0-P-4B2 2	D 441 Q.0/7.8 MAIN LUBE PUMP DG-ENG-B2	S407 53	233019	N	P 8360554 4 0							
DL0-P-5A1 2	D 441 R.0/7.8 PISTON COOLING PUMP DG-ENG-A1	S407 53	233019	N	P 8360554 4 0							
DL0-P-5A2 2	D 441 Q.0/6.1 PISTON COOLING PUMP DG-ENG-A2	S407 53	233019	N	P 8360554 4 0							
DL0-P-5B1 2	D 441 R.0/6.1 PISTON COOLING PUMP DG-ENG-B1	S407 53	233019	N	P 8360554 4 0							
DL0-P-5B2 2	D 441 Q.0/7.8 PISTON COOLING PUMP DG-ENG-B2	S407 53	233019	N	P 8360554 4 0							
DL0-P-6 2	D 441 Q.0/7.8 HPCS AUX.LUBE OIL TURBO.FILTR.PUMP	S407 02		R	P 8360554 4 0							
DL0-P-7 2	D 441 Q.5/5.0 HPCS OIL PRESS.TO TURBO.CHARGER	02		R	4 0							
DL0-P-8 2	D 441 Q.5/5.0 HPCS PISTON COOLING PUMP	02	233019	R	4 0							
DL0-P-9 2	D 441 Q.5/5.0 HPCS SCAVENGING PUMP	A183 02		R	8360537 4 0							
DMA-AD-11/1 2	D 441 Q.5/5.0 (MO) INTAKE DAMPER DMA-FN-11	67 P295	011003	M	4 3 748744 4 3		0 1					N
DMA-AD-11/1+ 1	D 455 Q5/7.2 DIESEL AIR DAMPER											
DMA-AD-11/2 2	D 455 Q.5/7.2 DIESEL AIR DAMPER	67 P295	011003	M	4 3 748744 4 3		0 1					N
DMA-AD-11/2+ 1	D 455 Q.5/7.2 DIESEL AIR DAMPER											
DMA-AD-12/1 2	D 455 P5/7.2 (MO) INTAKE DAMPER DMA-FN-12	67 P295	011003	M	4 3 748741 4 3		0 1					N
DMA-AD-12/1+ 1	D 455 P.5/7.2 DIESEL AIR DAMPER											
DMA-AD-12/2 2	D 455 P5/7.2 (EHO) INTAKE DAMPER DMA-FN-12	67 P295	011003	M	4 3 748742 4 3		0 1					N

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR NMC-SQRT

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE	TEST MFG MODEL NO.	ANL	F/O	C	FREQ	TM	HL
DMA-AD-12/2+ 1	DIESEL AIR DAMPER D 455 P.5/7.2					4 3						
DMA-AD-21/1 2	(MO) INTAKE DAMPER DMA-FN-21 D 455 Q5/9.2	67 P295	011003	M		4 3 74B743	0 1					
DMA-AD-21/1+ 1	DIESEL AIR DAMPER D 455 Q.5/9.2					4 3						
DMA-AD-21/2 2	(ENO) INTAKE DAMPER DMA-FN-21 D 455 Q5/9.2	67 P295	011003	M		4 3 74B744	0 1					
DMA-AD-21/2+ 1	DIESEL AIR DAMPER D 455 Q.5/9.2					4 3						
DMA-AD-22/1 2	(MO) INTAKE DAMPER DMA-FN-22 D 455 P5/9.2	67 P295	011003	M		4 3 74B741	0 1					
DMA-AD-22/1+ 1	DIESEL AIR DAMPER D 455 P.5/9.2					4 3						
DMA-AD-22/2 2	(ENO) INTAKE DAMPER DMA-FN-22 D 455 P5/9.2	67 P295	011003	M		4 3 74B742	0 1					
DMA-AD-22/2+ 1	DIESEL AIR DAMPER D 455 P.5/9.2					4 3						
DMA-AD-31/1 2	(MO) INTAKE DAMPER DMA-FN-31 D 455 Q5/4.2	67 P295	011003	M		4 3 74B743	0 1					
DMA-AD-31/1+ 1	DIESEL AIR DAMPER D 455 Q.5/4.2					4 3						
DMA-AD-31/2 2	(ENO) INTAKE DAMPER DMA-FN-31 D 455 Q5/4.2	67 P295	011003	M		4 3 74B744	0 1					
DMA-AD-31/2+ 1	DIESEL AIR DAMPER D 455 P.5/4.2					4 3						
DMA-AD-32/1 2	(MO) INTAKE DAMPER DMA-FN-32 D 455 P5/4.2	67 P295	011003	M		4 3 74B741	0 1					
DMA-AD-32/1+ 1	DIESEL AIR DAMPER D 455 P.5/4.2					4 3						
DMA-AD-32/2 2	(ENO) INTAKE DAMPER DMA-FN-32 D 455 P5/4.2	67 P295	011003	M		4 3 74B742	0 1					
DMA-AD-32/2+ 1	DIESEL AIR DAMPER D 455 P.5/4.2					4 3						
DMA-AD-51 2	(MO) INTAKE DAMPER DMA-FN-51 D 441 R.5/9.7	67		N		4 3	0 1					
DMA-AD-51+ 1	DIESEL AIR DAMPER					4 3						
DMA-AD-53 2	(MO) EXHAUST DAMPER DMA-FN-51 D 464 P.1/9.5	67 P014	011001	N		4 3 630-N-31408	0 1					
DMA-AD-53+ 1	DIESEL AIR DAMPER D 464 P.1/9.5					4 3						
DMA-AH-11 2	SUPPLY DIV I EM. D-G ROOM COOLING D 455 Q.5/7.0	67 P295	012003	M		4 3 CIW 53.1	0 1			16		N
DMA-AH-11+ 1	DIESEL AIR HANDLING UNIT D 455 Q.5/7.0					4 3						
DMA-AH-12 2	SUPPLY DIV I EM. D-G ROOM COOLING D 455 P.5/7.0	67 P295	012004	M		4 3 M-30147	0 1			16		N
DMA-AH-12+ 1	DIESEL AIR HANDLING UNIT					4 3						

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR NRC-SQRT

EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE MFG MODEL NO.	TEST MFG MODEL NO.	AVL	F70	C	FREQ	TM	HL
DMA-AH-21 1	D 455 P.5/7.0											
DMA-AH-21 2	SUPPLY DIV II EM. D-G ROOM COOLING	67	012003	M	4 3		0 1			16		N
DMA-AH-21+ 1	D 455 Q.5/9.0	P295			C1W-53.1							
DMA-AH-22 1	DIESEL AIR HANDLING UNIT				4 3							
DMA-AH-22 2	SUPPLY DIV II EM. D-G ROOM COOLING	67	012004	M	4 3		0 1			16		N
DMA-AH-22+ 1	D 455 P.5/9.0	P295			M-5040							
DMA-AH-31 1	DIESEL AIR HANDLING UNIT				4 3							
DMA-AH-31 2	SUPPLY HPCS D-G ROOM COOLING	67	012003	M	4 3		0 1			16		N
DMA-AH-31+ 1	D 455 Q.5/9.0	P295			C1W-53.1							
DMA-AH-31+ 2	DIESEL AIR HANDLING UNIT				4 3							
DMA-AH-32 1	SUPPLY HPCS D-G ROOM COOLING	67	012004	M	4 3		0 1			16		N
DMA-AH-32+ 1	D 455 P.3/4.0	P295			DWG 73C3284-B							
DMA-AH-32+ 2	DIESEL AIR HANDLING UNIT				4 3							
DMA-AH-51 1	SUPPLY J-G CABLE CORRIDOR COOLING	67	012004	M	4 3		0 1			16		N
DMA-AH-51+ 1	D 441 R.0/9.8	P295			M5-5040							
DMA-AH-51+ 2	DIESEL AIR HANDLING UNIT				4 3							
DMA-FN-11 1	SUPPLY FAN DMA-A4-11	67	145006	M	4 3		0 1			16		N
DMA-FN-11 2	D 455 Q5/7	P295			P402							
DMA-FN-12 1	SUPPLY FAN DMA-A4-12	67	145007	M	4 3		0 1			16		N
DMA-FN-12 2	D 455 P5/7	P295			P300-C11							
DMA-FN-21 1	SUPPLY FAN DMA-A4-21	67	145006	M	4 3		0 1			16		N
DMA-FN-21 2	D 455 Q5/9	P295			P402							
DMA-FN-22 1	SUPPLY FAN DMA-A4-22	67	145007	M	4 3		0 1			16		N
DMA-FN-22 2	D 455 P5/9	P295			P-300-C11							
DMA-FN-31 1	SUPPLY FAN DMA-FV-31	67	145006	M	4 3		0 1			16		N
DMA-FN-31 2	D 460 Q5/4.2	P295			P402							
DMA-FN-32 1	SUPPLY FAN DMA-A4-32	67	145007	M	4 3		0 1			16		N
DMA-FN-32 2	D 455 P5/4.2	P295			P-300-C11							
DMA-FN-51 1	FAN DMA-A4-51	67	145008	M	4 3		0 1			16		N
DMA-FN-51 2	D 441 R/9.8	P295			165							
DO-P-1A 1	DIESEL OIL TRANSFER PUMP 1A				4 0							
DO-P-1B+ 1	DIESEL OIL TRANSFER PUMP 1B				4 0							
DO-P-2+ 1	DIESEL OIL TRANSFER PUMP 2				4 0							
DO-P-3B1 1	MOTOR DRIVEN BACKUP FUEL OIL PUMP	53	233022	N	4 0							
DO-P-3B1 2	D 441 Q.0/7.8	H272			FV813-84568							N
DO-P-3B2 1	MOTOR DRIVEN BACKUP FUEL OIL PUMP	53	233022	N	4 0							N
DO-P-3B2 2	D 441 R.0/7.8	H272			FV813-84568							N
DO-P-4A1 1	ENGINE DRIVEN FUEL OIL PUMP	53	233023	N	4 0							N
DO-P-4A1 2	D 441 Q.0/6.1	S407			P 8410219							N
DO-P-4A2 1	ENGINE DRIVEN FUEL OIL PUMP	53	233023	N	4 0							N
DO-P-4A2 2	D 441 R.0/6.1	S407			P 8410219							N

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE TEST MFG MODEL NO.	ANL	F/O	C	FREQ	TM	HL
00-P-4B1 2	ENGINE DRIVEN FUEL OIL PUMP D 441 P.3/7.8	53	233023	N	4 0 P 841 0219						
00-P-4B2 2	ENGINE DRIVEN FUEL OIL PUMP D 441 R.0/7.8	53	233023	N	4 0 P 8410219						
00-P-5 2	HPCS ENG DRIVEN FUEL OIL PUMP D	02		R	4 0						
00-P-6 2	DC MOTOR DRIVEN HPCS FUEL PUMP D 441 P6/5	02		R	4 0						
00A-AD-52 2	AUTOMATIC DAMPER TO DMA-AH-51 D 466 R.4/9.5		011001	R	4 3 630-N-31408						
00A-AD-52+ 1	AUTOMATIC DAMPER TO DMA-AH-51	P014			4 3						
00A-AR-1A+ 1					4 0						
00A-AR-1B+ 1					4 0						
00A-C-1A1 2	STARTING AIR FOR DG-ENG-1A MC-7A-A D 441 P.5/7.0	53	033001	N	4 0 10T-2STAGE TYPE 30						N
00A-C-1A2 2	STARTING AIR FOR DG-ENG-2A MC-7A-A D 441 P.3/7.0	53	033001	N	4 0 10T-2STAGE TYPE 30						N
00A-C-1B1 2	STARTING AIR FOR DG-ENG-1B MC-8A-A D 441 P.4/9.2	53	033001	N	4 0 10T-2STAGE TYPE 30						N
00A-C-1B2 2	STARTING AIR FOR DG-ENG-2B MC-8A-A D 441 P.4/9.0	53	033001	N	4 0 10T-2 STAGE TYPE 30						N
00A-C-1C 2	STARTING AIR FOR HPCS DG-ENG-1C D 441 P.6/3.9	02	033002	R	4 0 32513						
00A-C-1C+ 1	COIPOSITE TO DSA-C-1C D 441 P.6/3.9		L216		4 0						
00A-C-2C 2	STARTING AIR FOR HPCS DG-ENG-2C D 441 P.3/4.0	02	033002	R	4 0 30513						
00A-C-2C+ 1	COIPOSITE TO DSA-C-2C D 441 P.3/4.0		L216		4 0						
00A-ENG-1A2 2	SA-C-1A2 ENGINE P 441 P.2/7.0	53	112002	N	4 0 8A2R						N
00A-ENG-1B2 2	DSA-C-1B2 ENGINE P 443 P.7/8.7	53	112002	N	4 0 3953-8A2R						N
00A->CV-1A 2	BACK-UP STARTING AIR PRESS CONTROL D 444 P.4/7.5	53	236007	N	4 0 80-886C						N
00A->CV-1B 2	BACK-UP STARTING AIR PRESS CONTROL D 448 P.7/9.0	53	236008	N	4 0 P-235001-A						N
00A->CV-2A 2	STARTING AIR PRESS CONTROL D 447 P.4/7.5	53	236007	N	4 0 80-886C						N
00A->CV-2B 2	STARTING AIR PRESS CONTROL D 447 P.6/9.4	53	236008	N	4 0 P-205001-A						N
00A-RV-1A 2	RELIEF DSA-C-1A1 DISCH D 444 P.4/7.3	53	297014	N	4 0 FIG 105C						N
EDR-AO-19 2	AIR OPERATOR EDR-V-19 C 467 4.5/4.7	41A	018007	R	1 0						
EDR-AO-20	AIR OPERATOR EDR-V-20	41A	018001	R	1 0						

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE	TEST MFG MODEL NO.	ANL	F/O	C	FREQ	TM	HL
2 EDR-V-19	C 467 H.5/4.7 3 RD GATE FROM DRYWELL SUMP	41A K125	361702	R	1 0							
2 EDR-V-19+	R 467 H.5/4.7	V085				DWG P2-3311-N27						
2 EDR-V-20	R 467 H.5/4.7 3 RD GATE FROM DRYWELL SUMP (AD)	41A K125	361702	R	1 0							
2 EDR-V-20+	C 467 H.5/4.7	V085				NO TAG 1						
2 FDR-10-3	C 467 H.5/4.7 AIR OPERATOR FDR-V-3	41A K125	018007	R	1 0							
2 FDR-10-4	R 467 H.0/4.1 AIR OPERATOR FDR-V-4	41A K125	018007	R	1 0	EWRP3/156						
2 FDR-10-601	R 467 H.0/4.1 AIR OPERATOR FDR-V-601	206 M322		R	3 0							
2 FDR-10-602	R 428 H.7/9.4 AIR OPERATOR FDR-V-602	206 M322		R	3 0							
2 FDR-10-603	R 428 H.0/9.4 AIR OPERATOR FDR-V-603	206 M322		R	3 0							
2 FDR-10-604	R 428 H.0/3.4 AIR OPERATOR FDR-V-604	206 M322		R	3 0							
2 FDR-V-3	R 428 H.0/3.5 3 GATE	41A K125	361702	T	1 0							
2 FDR-V-3+	R 467 H.0/4.1 COIPOSITE FOR FDR-V-3	V085				H10-00054B-02WN						
1 FDR-V-4	R 467 H.0/4.1 3 RD GATE CONT TO DRN FD-SUMP-R3 AD	41A K125	361702	T	1 0							
2 FDR-V-4+	R 467 H.0/4.1 COIPOSITE FOR FDR-V-4	V085				B10-00054B-02WN						
1 FDR-V-601	R 467 H.0/4.1 6 TH GATE DRN HDR ISOL SUMP-R1 AD	206			2 0							
2 FDR-V-601+	R COIPOSITE FOR FDR-V-601				2 0							
1 FDR-V-602	R 6 TH GATE DRN HDR ISOL SUMP-R2 AD	206			2 0							
2 FDR-V-602+	R COIPOSITE FOR FDR-V-602				2 0							
1 FDR-V-603	R 6 TH GATE DRN HDR ISOL SUMP-R3 AD	206			2 0							
2 FDR-V-603+	R COIPOSITE FOR FDR-V-603				2 0							
1 FDR-V-604	R 6 TH GATE DRN HDR ISOL SUMP-R4 AD	206			2 0							
2 FDR-V-604+	R COIPOSITE FOR FDR-V-604				2 0							
1 FPC-P-1A	R FUEL POOL CIRC PJMP 1A	21A W318	233007	R	2 3							
2 FPC-P-1A+	R 549 H.6/L.7 FUEL POOL COOLING PUMP				3LR-9							
1	R 549 L.7/8.6				2 3							

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE	TEST MFG MODEL NO.	ANL	F/O	C	FREQ	TM	HL
FPC-P-18 2	FUEL POOL CIRC PJMP 1B R 549 L.7/8.8	21A	233007	R	2 3							
FPC-V-18+ 1	FUEL POOL COOLING PUMP R 549 L.7/8.3	4318			3LR-9							
FPC-V-1 2	6" GLOBE VLV FPC F/DM BYPASS	215			2 3							
FPC-V-1+ 1	6" 90 GLOBE VLV FPC F/DM BYPASS				2 3							
FPC-V-113+ 1	6.0" SAJND FPC CLEANUP BYPASS R 551 L.7/9.1			R	2 3							
FPC-V-153 2	6" MO GATE FPC-P-3 SUCT SUPP POOL R 448 J.9/7.9	41A	361704	R	2 3							
FPC-V-153+ 1	6" GATE MO FPC-P-3 SUCT SUPP POOL R 448 J.9/7.9	V085			DWG P2-3311-N9							
FPC-V-154 2	6" MO GATE FPC-P-3 SUCT SUPP POOL R 448 J.9/8.0	41A	361704	R	2 3							
FPC-V-154+ 1	6" MO GATE FPC-V-3 SUCTION ISOL R 448 J.9/8.0	V085			DWG P2-3311-N9							
FPC-V-156 2	6" MO GATE SUPP POOL RETURN ISOL R 466 K.2/8.2	41A	361704	R	2 3							
FPC-V-156+ 1	6" MO GATE SUPP POOL RETURN ISOL R 466 K.2/8.2	V085			DWG P2-3311-N9							
FPC-V-172 2	8" GATE VALVE MOTOR OPERATED R 471 K9/9	41A		R	2 3							
FPC-V-172+ 1	R 471 K9/9				1 3							
FPC-V-173 2	6" GATE VALVE MOTOR OPERATED R 471 K/9.4	41A		R	2 3							
FPC-V-173+ 1	R 471 K/9.4				1 3							
FPC-V-175 2	8" GATE VALVE MOTOR OPERATED R 548	41A		R	2 3							
FPC-V-175+ 1	R 548				1 3							
FPC-V-181A 2	8" GATE VALVE MOTOR OPERATED R 548	41A		R	2 3							
FPC-V-181A+ 1	8" GATE VALVE MOTOR OPERATED R 548				2 3							
FPC-V-181B 2	6" GATE VALVE MOTOR OPERATED R 548	41A		R	2 3							
FPC-V-181B+ 1	8" GATE VALVE MOTOR OPERATED R 548				2 3							
FPC-V-184 2	8" GATE VALVE MOTOR OPERATED R 471 L/9.4	41A		R	2 3							
FPC-V-184+ 1	COMPOSITE TO FPC-V-184 R 471 L/9.4				2 3							
HPCS-P-1 2	HPCS PUMP R 423 M.3/3.5	02E22	233008	R	1 0							
HPCS-P-1+ 1	HPCS PUMP	I075			FIG 880570-351861171							11
					1 0							

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE	TEST MFG MODEL NO.	ANL	F/O	C	FREQ	TH	HL
1 HPCS-P-2	R 423 M.3/3.6 HPCS DIESEL SERVICE WATER PUMP	02E22	233009	R	4 0							
2 HPCS-P-2+	A 448 A.9/1.9 HPCS DIESEL SERVICE WATER PUMP	P025			4 0	GK14M-WY-2ST						
1 HPCS-P-3	A 448 A.8/1.9 HPCS SYSTEM WATER LEG PUMP	35A	233014	B	1 0		0 1			82		N
2 HPCS-P-3+	R 423 L.6/3.5 HPCS SYSTEM WATER LEG PUMP	C676			1 0	FIG 3065/1055-6599						
1 HPCS-V-1	R 423 L.6/3.5 14" GATE/CONDST WATER INTO HPCS	02E22	361070	B	1 0		0 1			33+		N
2 HPCS-V-1+	R 435 M.0/3.9 HPCS-V-1+	A391			1 0	DWG 5310-2-1						
1 HPCS-V-10	R 435 M/3.9 10" MO GLOBE HPCS RETURN TO CST	02E22	361006	M	2 0		0 1			74+		N
2 HPCS-V-10+	R 448 .9/3.7 COMP FOR 10IN GLOBE RETURN TO CST	A391			2 0	DWG 1927-3						
1 HPCS-V-11	R 448 L9/3.7 10" MO GLOBE HPCS RETURN TO CST	02E22	361006	M	2 0		0 1			74		N
2 HPCS-V-11+	R 448 L.9/3.7 COMP FOR 10IN GLOBE RETURN TO CST	A391			2 0	DWG 1927-3						
1 HPCS-V-12	R 448 L9/3.7 4" GATE HPCS-V-1 MIN FLOW (MO)	02E22	361060	B	1 0		0 1			33+		N
2 HPCS-V-12+	R 430 M.0/3.7 COMP FOR 4IN GATE HPCS-P-1 MIN FLO	A391			1 0	94-13306						
1 HPCS-V-15	R 449 L3/3.9 18" MO GATE SUPP POOL OUTLT TO HPCS	02	361075	B	1 0		0 1	0 1		33+		N
2 HPCS-V-15+	R 449 L.3/3.9 18" MO GATE SUPP POOL OUTLT TO HPCS	A391			1 0	94-13272						
1 HPCS-V-23	R 449 .3/3.9 12" MO GLOBE HPCS TEST LINE	02E22	361007	B	2 0		0 1			65		N
2 HPCS-V-23+	R 450 L.5/3.7 12" MO TEST LINE COMPOSITE	A391			2 0	DWG 1928-3						
1 HPCS-V-4	R 450 L5/3.7 12" GATE CONTAINMENT ISOL(MO)	02E22	361065	R	1 0		0 1			55		N
2 HPCS-V-4+	R 538 M.3/7.3 12" MO CONTAINMENT ISO VLV COMP	A391			1 0	DWG 94-13401						
1 HPCS-V-5+	P 538 M3/7.3 12" CHECK VLV CONTAINMENT ISO COMP	A391			1 0							
1 HY-HP-3A	C 549 244 D AZ R17 15HP/19A VALVE ACTUATOR HYDR.											
2 HY-HP-3A+	C 522 M.2/4.3 15HP/19A VALVE ACTUATOR HYDR.	G080			3 3	5K254YK2246						
1 HY-HP-3B	C 522 M.2/4.3 15HP/19A VALVE ACTUATOR HYDR.	G080			3 3	5K254YK2246						
2 HY-HP-3B+	C 522 J.7/7.6 15HP/19A VALVE ACTUATOR HYDR.	G080			3 3	5K254YK2246						
1 HY-HP-3B+	C 522 J.7/7.6 15HP/19A VALVE ACTUATOR HYDR.	G080			3 3	5K254YK2246						
1 HY-HP-A1/3	PUMP HPJ 1600 PSI 9.7 GPM	02B35	233010	R	3 3							
2 HY-HP-A1/3	R 522 M3/4.3	D122			3 3	PV-500						

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT AFG	QID	QS	USE	TEST MFG MODEL NO.	ANL	F70	C	FREQ	TM	HL
HY-P-A2/3 2	1800 PSI 3.76 PM HJG. CONTROL PUMP R 522 M3/4.3	02B35	233010	R	3 3							
HY-P-B1/3 2	PUMP HPJ 1800 PSI 8.7 GPM R 522 J6/7.6	02B35	233010	R	3 3	PV-500						
HY-P-B2/3 2	1800 PSI 3.76 PM HJG. CONTROL PUMP 522	02B35	233010	R	3 3	PV-500						
HY-TCV-A1/18 2	TEMP CONTROL VALVE 130DEGREES F C 522 M3/4.3	02B35	3350 01	R	3 3	PV35-006-3QRV						
HY-TCV-A2/18 2	TEMP CONTROL VALVE 130DEGREES F C 522 M3/4.3	02B35	3350 01	R	3 3	A-151-E						
HY-TCV-B1/18 2	TEMP CONTROL VALVE 130 DEGREES F R 522 J8/7.6	02B35	3350 01	R	3 3	R-151-E						
HY-TCV-B2/18 2	TEMP CONTROL VALVE 130 DEGREES F R 522 J8/7.6	02B35	3350 01	R	3 3	R-151-E						
HY-V-A0/15 2	SHUTTLER VALVE C 501 L8/5.2	02B35	361603	R	3 3							
HY-V-A1/10 2	SHUT OFF VALVE (2) C 522 M3/4.3	02B35	361604	R	3 3	419-8D28						
HY-V-A1/11 2	0.5" CHECK SERVO-VALVE DRAIN C 522 M3/4.3	02B35	3616 01	R	3 3	80138-10HS28						
HY-V-A1/35 2	4 WAY VALVE MAN. OPERATED C 522 M3/4.3	02B35	361605	R	3 3	A455-8S28-1						
HY-V-A1/6 2	4 WAY SOLENOID PUMP DISCH C 522 M3/4.3	02B35	361976	R	3 3	80738-10HS28						
HY-V-A1/7 2	4 WAY PILOT OPERATED C 522 M3/4.3	02B35	361977	R	3 3	F3-DG4S4-016C-50						
HY-V-A1/9 2	SERVO VALVE C 522 M3/4.3	02B35	361978	R	3 3	F3-DG3S4-042C-3-20						
HY-V-A2/10 2	SHUT OFF VALVE (2) C 522 M3/4.3	02B35	361604	R	3 3	F3-SD4-03-620-004-10						
HY-V-A2/11 2	0.5" CHECK SERVO-VALVE DRAIN C 522 M3/4.3	02B35	3616 01	R	3 3	80138-10HS28						
HY-V-A2/35 2	4 WAY VALVE MAN. OPERATED C 522 M3/4.3	02B35	361605	R	3 3	A455-8S28-1						
HY-V-A2/6 2	4 WAY SOLENOID PUMP DISCH C 522 M3/4.3	02B35	361976	R	3 3	80738-10HS28						
HY-V-A2/7 2	4 WAY PILOT OPERATED C 522 M3/4.3	02B35	361977	R	3 3	F3-DG4S4-016C-50						
HY-V-A2/9 2	SERVO VALVE C 522 M3/4.3	02B35	361978	R	3 3	F3-DG3S4-042C-3-20						
HY-V-B1/6 2	4 WAY SOLENOID PUMP DISCH R 522 J8/7.6	02B35	361976	R	3 3	F3-SD4-03-620-004-10						
HY-V-B1/7 2	4 WAY PILOT OPERATED R 522 J8/7.6	02B35	361977	R	3 3	F3-DG4S4-016C-50						
HY-V-B1/9 2	SERVO VALVE R 522 J8/7.6	02B35	361978	R	3 3	F3-DG3S4-042C-3-20						
HY-V-B2/6 2	4 WAY SOLENOID PUMP DISCH R 522 J8/7.6	02B35	361976	R	3 3	F3-SD4-03-620-004-10						
HY-V-B2/7 2	4 WAY PILOT OPERATED R 522 J8/7.6	02B35	361977	R	3 3	F3-DG4S4-016C-50						

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE	TEST MFG MODEL NO.	ANL	F70	C	FREQ	TM	HL
2 HY-V-B279	R 522 J677.6 SERVO VALVE	V105				F3-06354-042C-3-20						
2	R 522 J877.6	02B35	361978	R		3 3						
2 LPCS-FCV-11	3" GLOBE LPCS-P-1 MIN FLOW MD	V105				F3-304-03-620-0J4-10						
2	R 423 K173.5	42A	133003	T		1 0	0 1					
2 LPCS-FCV-11+	3"MO GLOBE LPCS P-1 MIN FLOW RECIR	F130				5248657						
1	R 423 K173.5					1 0						
2 LPCS-P-1	LPCS PUMP	02E21	233011	M		1 0	0 2			37		N
2	R 426 K.074.0	I075				29APKU-5 STAGE						
1 LPCS-P-1+	LPCS PUMP					1 0						
1	R 426 K.074.0											
2 LPCS-P-2	LPCS WATER LEG PJMP	35A	233006	A		1 0	0 1			82		N
2	R 424 J.773.6	C676				FIG 3065-1055-6599						
1 LPCS-P-2+	LPCS WATER LEG PUMP					1 0						
1	R 424 J.773.6											
2 LPCS-V-1	24" MO GATE SUPP POOL SUCTION	41A	361713	M		1 0	0 1			37		N
2	R 450 K.074.7	V085				DWG P2-3313-N-43						
1 LPCS-V-1+	24"MO SUPP POOL SUCTION VALVE					2 0						
1	R 450 K.074.7											
2 LPCS-V-12	TEST LIVE TO SUPP POOL #	41B	361024	N		2 0	0 1			41		N
2	R 450 J.973.9	A391				DWG 2647-3						
1 LPCS-V-12+						2 0						
1	R 450 J.973.9											
2 LPCS-V-5	12" MO GATE TO REACTOR VESSEL	41A	361745	M		1 0	2 1	0 1		43		Y
2	R 525 J.074.5	V085				DWG P2-3311-N15						
1 LPCS-V-5+	12"MO GATE CONTAINMENT BOUNDARY VL					1 0						
1	R 525 M.074.5											
1 LPCS-V-6+	12" CHECK TO REACTOR VESSEL					1 0						
1	C 547 122 D AZ R16											
2 MS-AJ-13A	AIR OPERATOR FOR MS-PCV-13A	02	018008			1 0						
2	C 547 AZ 35 R18	C710				C5246						
2 MS-AJ-13B	RELIEF VLV AIR OPERATOR	02	018008			1 0						
2	C 547 AZ 45 R18	C710				C5246						
2 MS-AJ-13C	RELIEF VLV AIR OPERATOR	02	018099			1 0						
2	C 547 AZ 321 R13	C710				C5246						
2 MS-AJ-13D	RELIEF VLV AIR OPERATOR	02	018099			1 0						
2	C 547 AZ 305 R22	C710				C5246						
2 MS-AJ-13E	RELIEF VLV AIR OPERATOR	02	018099			1 0						
2	C 547 AZ 45 R22	C710				C5246						
2 MS-AJ-13F	RELIEF VLV AIR OPERATOR	02	018099			1 0						
2	C 547 AZ 60 R22	C710				C5246						
2 MS-AJ-13G	RELIEF VLV AIR OPERATOR	02	018099			1 0						
2	C 547 AZ 293 R22	C710				C5246						
2 MS-AJ-13H	RELIEF VLV AIR OPERATOR	02	018099			1 0						
2	C 547 AZ 67 R22	C710				C5246						
2 MS-AJ-13J	RELIEF VLV AIR OPERATOR	02	018099			1 0						
2	C 547 AZ 24 R18	C710				C5246						
2 MS-AJ-13K	RELIEF VLV AIR OPERATOR	02	018099			1 0						
2	C 547 AZ 333 R13	C710				C5246						

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE	TEST MFG MODEL NO.	AVL	F/O	C	FREQ	TM	HL
MS-AJ-13L 2	RELIEF VLV AIR OPERATOR C 547 AZ 313 R22	02 C710	018099			1 0 C5246						
MS-AJ-13M 2	RELIEF VLV AIR OPERATOR C 547 AZ 288 R22	02 C710	018099			1 0 C5246						
MS-AJ-13N 2	RELIEF VLV AIR OPERATOR C 547 AZ 279 R22	02 C710	018099			1 0 C5246						
MS-AJ-13P 2	RELIEF VLV AIR OPERATOR C 547 AZ 305 R13	02 C710	018099			1 0 C5246						
MS-AJ-13R 2	RELIEF VLV AIR OPERATOR C 547 AZ 75 R22	02 C710	018099			1 0 C5246						
MS-AJ-13S 2	RELIEF VLV AIR OPERATOR C 547 AZ 60 R18	02 C710	018099			1 0 C5246						
MS-AJ-13U 2	RELIEF VLV AIR OPERATOR C 547 AZ 80 R22	02 C710	018099			1 0 C5246						
MS-AJ-13V 2	RELIEF VLV AIR OPERATOR C 547 AZ 315 R18	02 C710		X		1 0 C5246						
MS-AJ-22A 2	AIR OPERATOR MS-V-22A C 510 10 D AZ R30	02B22 S157	018002	M		1 3 SA-A022	0 1			15	P	Y
MS-AJ-22B 2	AIR OPERATOR MS-V-22B C 510 17 D AZ R30	02B22 S157	018002	M		1 3 SA-A022	0 1			15	P	Y
MS-AJ-22C 2	AIR OPERATOR MS-V-22C C 510 344 D AZ R30	02B22 S157	018002	M		1 3 SA-A022	0 1			15	P	Y
MS-AJ-22D 2	AIR OPERATOR MS-V-22D C 510 350 D AZ R30	02B22 S157	018002	M		1 3 SA-A022	0 1			15	P	Y
MS-AJ-28A 2	AIR OPERATOR MS-V-29A R 515 H.3/6.0	02B22 S157	018002	M		1 3 SA-A022	0 1			15		Y
MS-AJ-28B 2	AIR OPERATOR MS-V-28B R 515 H.3/6.0	02B22 S157	018002	M		1 3 SA-A022	0 1			15		Y
MS-AJ-28C 2	AIR OPERATOR MS-V-28C R 515 H.3/6.0	02B22 S157	018002	M		1 3 SA-A022	0 1			15		Y
MS-AJ-28D 2	AIR OPERATOR MS-V-29D R 515 H.3/6.0	02B22 S157	018002	M		1 3 SA-A022	0 1			15		Y
MS-DPT-5 2	R 471 M5/4.5	02 G080			R	2 0 0227						
MS-FE-5A 2	MAIN STM LINE A FLOW C 524 AZ 15 R25	02B22 A510	134003	M		1 0 10505143 LINEA	0 0					N
MS-FE-5B 2	MAIN STM LINE B FLOW C 524 AZ 25 R25	02B22 A510	134003	M		1 0 10505143 LINEB	0 0					N
MS-FE-5C 2	MAIN STM LINE C FLOW C 524 AZ 345 R25	02B22 A510	134003	M		1 0 10505143 LINEC	0 0					N
MS-FE-5D 2	MAIN STM LINE D FLOW C 524 AZ 330 R25	02B22 A510	134003	M		1 0 10505143 LINE D	0 0					N
MS-RV-1A 2	6" X 10" MAIN STEAM SAFETY RELIEF C 547 AZ 24 R18	02B22 C710	297009	B		1 0 2 1 6R10 HB-65-BP	0 0			15		Y
MS-RV-1A+ 1	MS RELIEF VLV C 547 AZ 24 R18					1 0						
MS-RV-1B 2	6" X 10" MS SAFETY RELIEF VALVE C 547 AZ 45 R22	02B22 C710	297009	B		1 0 2 1 6R10 HB-65-BP	0 0			15		Y
MS-RV-1B+ 2	MS-RELIEF VLV					1 0						

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR NRC-SURT

DATE 5/9/25/81 PAGE 90

EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE	TEST MFG MODEL NO.	ANL	F/O	C	FREQ	TH	HL
1 MS-RV-1C	C 547 AZ 45 R22 6" X 10" MS SAFETY RELIEF VALVE	02B22	297009	B	1 0	2 1	0 0			15		Y
2 MS-RV-1C+	C 547 AZ 313 R22 MS-RELIEF VLV	C710			6R10	HB-65-BP						
1 MS-RV-1D	C 547 AZ 313 R22 6" X 10" MS SAFETY RELIEF VALVE	02B22	297009	B	1 0	2 1	0 0			15		Y
2 MS-RV-1D+	C 547 AZ 333 R19 MS-RELIEF VLV	C710			6R10	HB-65-BP						
1 MS-RV-2A	C 547 AZ 333 R19 6" X 10" MS SAFETY RELIEF VALVE	02B22	297009	B	1 0	2 1	0 0			15		Y
2 MS-RV-2A+	C 547 AZ 35 R1E MS-RELIEF VLV	C710			6R10	HB-65-BP						
1 MS-RV-2B	C 547 AZ 35 R1B 6" X 10" MS SAFETY RELIEF VALVE	02B22	297009	B	1 0	2 1	0 0			15		Y
2 MS-RV-2B+	C 547 AZ 60 R22 MS-RELIEF VLV	C710			6R10	HB-65-BP						
1 MS-RV-2C	C 547 AZ 60 R22 6" X 10" MS SAFETY RELIEF VALVE	02B22	297009	B	1 0	2 1	0 0			15		Y
2 MS-RV-2C+	C 547 AZ 305 R22 MS-RELIEF VLV	C710			6R10	HB-65-BP						
1 MS-RV-2D	C 547 AZ 305 R22 6" X 10" MS SAFETY RELIEF VALVE	02B22	297009	B	1 0	2 1	0 0			15		Y
2 MS-RV-2D+	C 547 AZ 321 R13 MS-RELIEF VLV	C710			6R10	HB-65-BP						
1 MS-RV-3A	C 547 AZ 321 R13 6" X 10" MS SAFETY RELIEF VALVE	02B22	297009	B	1 0	2 1	0 0			15		Y
2 MS-RV-3A+	C 547 AZ 45 R1B MS-RELIEF VLV	C710			6R10	HB-65-BP						
1 MS-RV-3B	C 547 AZ 45 R1B 6" X 10" MS SAFETY RELIEF VALVE	02B22	297009	B	1 0	2 1	0 0			15		Y
2 MS-RV-3B+	C 547 AZ 67 R22 MS-RELIEF VLV	C710			6R10	HB-65-BP						
1 MS-RV-3C	C 547 AZ 67 R22 6" X 10" MS SAFETY RELIEF VALVE	02B22	297009	B	1 0	2 1	0 0			15		Y
2 MS-RV-3C+	C 547 AZ 293 R22 MS-RELIEF VLV	C710			6R10	HB-65-BP						
1 MS-RV-3D	C 547 AZ 293 R22 6" X 10" MS SAFETY RELIEF VALVE	02B22	297009	B	1 0	2 1	0 0			15		Y
2 MS-RV-3D+	C 547 AZ 315 R19 MS-RELIEF VLV	C710			6R10	HB-65-BP						
1 MS-RV-4A	C 547 AZ 315 R19 6" X 10" MS SAFETY RELIEF VALVE	02B22	297009	B	1 0	2 1	0 0			15		Y
2 MS-RV-4A+	C 547 AZ 60 R1B MS-RELIEF VLV	C710			6R10	HB-65-BP						
1 MS-RV-4B	C 547 AZ 60 R1B 6" X 10" MS SAFETY RELIEF VALVE	02B22	297009	B	1 0	2 1	0 0			15		Y
2 MS-RV-4B+	C 547 AZ 75 R22 MS-RELIEF VLV	C710			6R10	HB-65-BP						
1 MS-RV-4B+	C 547 AZ 75 R22				1 0							

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR NRC-SQRT

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE	TEST MFG MODEL NO.	AVL	F70	C	FREQ	TH	HL
MS-RV-4C 2	6" X 10" MS SAFETY RELIEF VALVE C 547 AZ 288 R22	02H22 C710	297009	B	1 0	2 1 6R10 HB-65-BP 1 0	0 0			15		Y
MS-RV-4C+ 1	MS-RELIEF VLV C 547 AZ 288 R22											
MS-RV-4D 2	6" X 10" MS SAFETY RELIEF VALVE C 547 AZ 305 R19	02H22 C710	297009	B	1 0	2 1 6R10 HB-55-BP 1 0	0 0			15		Y
MS-RV-4D+ 1	MS-RELIEF VLV C 547 AZ 305 R19											
MS-RV-5B 2	6" X 10" MS SAFETY RELIEF VALVE C 547 AZ 80 R22	02H22 C710	297009	B	1 0	2 1 6R10 HB-65-BP 1 0	0 0			15		Y
MS-RV-5B+ 1	MS-RELIEF VLV C 547 AZ 80 R22											
MS-RV-5C 2	6" X 10" MS SAFETY RELIEF VALVE C 547 AZ 279 R22	02H22 C710	297009	B	1 0	2 1 6R10 HB-65-BP 1 0	0 0			15		Y
MS-RV-5C+ 1	MS-RELIEF VLV C 547 AZ 279 R22											
MS-V-1+ 1	REACTOR VESSEL HEAD VENT VLV C 573 AZ 225 R15			R	2 0							
MS-V-16 2	3" MO GATE FROM PRICONT C 502 360 D AZ R36	41A V085	361740	M	1 0	DWG P2-3311-N-2 1 0	0 1			58	P	Y
MS-V-16+ 1	3" MO GATE VLV FROM PRI CONT C 502 AZ 360 R36											
MS-V-19 2	3" MO GATE DRAIN BLOCK R 504 H.3/6.0	41A V085	361740	T	1 0	B10-07054B-02WN 1 0	0 1			58		N
MS-V-19+ 1	3" MO GATE VLV FM DRAIN BLOCK R 504 H.3/6.0											
MS-V-2 2	REACTOR VESSEL HEAD VENT C 573 230 D AZ R15	215 B350	361205	M	2 0	P 76850-1 2 0						P
MS-V-2+ 1	REACTOR VESSEL HEAD VENT C 573 AZ 230 R15											
MS-V-20 2	3" MO GATE MS DRAIN BLOCK R 504 H.6/6.0	41B A391		X	3 3	4513-42						
MS-V-22A 2	26" AD GLOBE MSIV (INBOARD) C 505 AZ 5 R32	02H22 R340	361964	M	1 3	1612JMMNTY 1 3	0 1			15		Y
MS-V-22A+ 1	MS ISOL VLV C 505 AZ 5 R32											
MS-V-22B 2	26" AD GLOBE MSIV (INBOARD) C 506 AZ 15 R32	02H22 R340	361964	M	1 3	1612JMMNTY 1 3	0 1			15		Y
MS-V-22B+ 2	MS ISOL VLV C 506 AZ 15 R32											
MS-V-22C 2	26" AD GLOBE MSIV (OUTBOARD) C 506 AZ 315 R32	02H22 R340	361964	M	1 3	1612JMMNTY 1 3	0 1			15		Y
MS-V-22C+ 1	MS ISOL VLV C 506 AZ 315 R32											
MS-V-22D 2	26" AD GLOBE MSIV (INBOARD) C 506 355 D AZ R32	02H22 R340	361964	M	1 3	1612JMMNTY 1 3	0 1			15		Y
MS-V-22D+ 1	MS ISOL VLV C 506 AZ 355 R32											
MS-V-28A 1	26" AD GLOBE MSIV (OUTBOARD)	02H22	361964	M	1 3		0 1			15		Y

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR NRC-SQRT

DATE 09/25/81 PAGE 92

EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE MFG	TEST MODEL NO.	ANL	F/O	C	FREQ	TM	HL
2 MS-V-28A+	R 506 H.8/5.8 MS ISOL VLV	R 340				1612JMMNTY 1 3						
1 MS-V-28B	R 506 H.8/5.8 26" AO GLOBE MSIV (OUTBOARD)	02B22	361964	M			0 1			15		Y
2 MS-V-28B+	R 506 H.8/5.6 MS ISOL VLV	R 340				1612JMMNTY 1 3						
1 MS-V-28C	R 506 H.8/5.6 26" AO GLOBE MSIV (OUTBOARD)	02B22	361964	M			0 1			15		Y
2 MS-V-28C+	R 506 H.8/6.4 MS ISOL VLV	R 340				1612JMMNTY 1 3						
1 MS-V-28D	R 506 H.8/6.4 MSIV (OUTBOARD) 26" A.O. GLOBE	02B22	361964	M			0 1			15		Y
2 MS-V-28D+	R 506 H.8/6.2 MS ISOL VLV	R 340				1612JMMNTY 1 3						
1 MS-V-37A	R 506 H.8/6.2 10" CHECK MS-RV-2A DISCH	93	361936	C		1 0	0 1			99+		Y
2 MS-V-37B	C 505 AZ 42 R36 10" CHECK MS-RV-3A DISCH	G202	361936	C		LF 240-427 1 0	0 1			99+		Y
2 MS-V-37C	C 505 AZ 74 R35 10" CHECK MS-RV-2J DISCHARGE	G202	361936	C		LF 240-427 1 3	0 1			99+	P	Y
2 MS-V-37D	C 506 317 U AZ R36 10" CHECK MS-RV-7 J DISCH	G202	361936	C		LF 240-427 1 0	0 1			99+		Y
2 MS-V-37E	C 506 232 D AZ R36 10" CHECK MS-RV-1B DISCH	G202	361936	C		LF 240-427 1 0	0 1			99+		Y
2 MS-V-37F	C 505 AZ 52 R35 10" CHECK MS-RV-2B DISCH	G202	361936	C		LF 240-427 1 0	0 1			99+		Y
2 MS-V-37G	C 505 AZ 105 R35 10" CHECK MS-RV-3C DISCH	G202	361936	C		LF 240-427 1 0	0 1			99+		Y
2 MS-V-37H	C 505 AZ 222 R35 10" CHECK MS-RV-3B DISCH	G202	361936	C		LF 240-427 1 0	0 1			99+		Y
2 MS-V-37J	C 505 AZ 116 R35 10" CHECK MS-RV-1A DISCH	G202	361936	C		LF 240-427 1 0	0 1			99+		Y
2 MS-V-37K	C 506 AZ 31 R36 10" CHECK MS-RV-1D DISCH	G202	361936	C		LF 240-427 1 0	0 1			99+	P	Y
2 MS-V-37L	C 506 320 D AZ R36 10" CHECK MS-RV-1C DISCH	G202	361936	C		LF 240-427 1 0	0 1			99+		Y
2 MS-V-37M	C 505 AZ 310 R35 10" CHECK MS-RV-4C DISCH	G202	361936	C		LF 240-427 1 0	0 1			99+		Y
2 MS-V-37N	C 505 AZ 211 R35 10" CHECK MS-RV-5C DISCH	G202	361936	C		LF 240-427 1 0	0 1			99+		Y
2 MS-V-37P	C 505 AZ 201 R33 10" CHECK MS-RV-4D DISCH	G202	361936	C		LF 240-427 1 0	0 1			99+		Y
2 MS-V-37R	C 505 AZ 28 R36 10" CHECK MS-RV-4B DISCH	G202	361936	C		LF 240-427 1 0	0 1			99+		Y
2 MS-V-37S	C 505 AZ 127 R36 10" CHECK MS-RV-4A DISCH	G202	361936	C		LF 240-427 1 0	0 1			99+		Y
2 MS-V-37U	C 505 AZ 95 R35 10" CHECK MS-RV-5B DISCH	G202	361936	C		LF 240-427 1 0	0 1			99+		Y
2	C 505 AZ 137 R35	G202				LF 240-427						

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR M-C-SURT

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE MFG MODEL NO.	TEST MFG MODEL NO.	ANL	F/D	C	FREQ	TM	ML
MS-V-37V 2	10" CHECK MS-RV-30 DISCH C 506 AZ 300 R35	93	361936	C	1 0		0 1			99+		Y
MS-V-38A 2	10" VACUUM BREAKER VALVE DISCHARGE C 505 AZ 42 R36	93	361936	C	1 0	LF 240-427	0 1			99+		Y
MS-V-38H 2	10" VACUUM BREAKER VALVE DISCHARGE C 505 AZ 74 R35	93	361936	C	1 0	LF 240-427	0 1			99+		Y
MS-V-38C 2	10" VACUUM BREAKER VALVE DISCHARGE C 506 AZ 317 R36	93	361936	C	1 0	LF 240-427	0 1			99+		Y
MS-V-39D 2	10" VACUUM BREAKER VALVE DISCHARGE C 506 AZ 232 R36	93	361936	C	1 0	LF 240-427	0 1			99+		Y
MS-V-38E 2	10" VACUUM BREAKER VALVE DISCHARGE C 505 AZ 52 R35	93	361936	C	1 0	LF 240-427	0 1			99+		Y
MS-V-39F 2	10" VACUUM BREAKER VALVE DISCHARGE C 505 AZ 105 R35	93	361936	C	1 0	LF 240-427	0 1			99+		Y
MS-V-39G 2	10" VACUUM BREAKER VALVE C 505 AZ 222 R35	93	361936	C	1 0	LF 240-427	0 1			99+		Y
MS-V-39H 2	10" VACUUM BREAKER VALVE C 505 AZ 116 R35	93	361936	C	1 0	LF 240-427	0 1			99+		Y
MS-V-39J 2	10" VACUUM BREAKER VALVE C 505 AZ 31 R35	93	361936	C	1 0	LF 240-427	0 1			99+		Y
MS-V-34K 2	10" VACUUM BREAKER VALVE C 506 AZ 320 R36	93	361936	C	1 0	LF 240-427	0 1			99+		Y
MS-V-38L 2	10" VACUUM BREAKER VALVE C 505 AZ 310 R35	93	361936	C	1 0	LF 240-427	0 1			99+		Y
MS-V-38M 2	10" VACUUM BREAKER VALVE C 505 AZ 211 R35	93	361936	C	1 0	LF 240-427	0 1			99+		Y
MS-V-38N 2	10" VACUUM BREAKER VALVE C 505 AZ 201 R35	93	361936	C	1 0	LF 240-427	0 1			99+		Y
MS-V-38P 2	10" VACUUM BREAKER VALVE C 505 AZ 288 R36	93	361936	C	1 0	LF 240-427	0 1			99+		Y
MS-V-38R 2	10" VACUUM BREAKER VALVE C 505 AZ 127 R36	93	361936	C	1 0	LF 240-427	0 1			99+		Y
MS-V-38S 2	10" VACUUM BREAKER VALVE C 505 AZ 95 R35	93	361936	C	1 0	LF 240-427	0 1			99+		Y
MS-V-38U 2	10" VACUUM BREAKER VALVE C 505 AZ 137 R35	93	361936	C	1 0	LF 240-427	0 1			99+		Y
MS-V-38V 2	10" VACUUM BREAKER VALVE C 505 AZ 300 R35	93	361936	C	1 0	LF 240-427	0 1			99+		Y
MS-V-5 2	REACTOR VESSEL HEAD VENT C 575 AZ 220 R12	215	361205	M	2 0		0 1			34		N
MS-V-5+ 1	REACTOR VESSEL HEAD VENT VLV C 575 AZ 220 R12		8350		2 0	P 76850-1						
MS-V-67A 2	MS-V-28A BODY DRAIN SHUT R 506 H.875.8	215		R	1 0							
MS-V-67A+ 1	MS-V-29A BODY DRAIN R 506 H.875.8				1 0							
MS-V-67B 2	MS-V-28B BODY DRAIN SHUT R 506 H.875.6	215		R	1 0							
MS-V-67B+ 2	MS-V-29B BODY DRAIN				1 0							

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR NRC-SQRT

EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE	TEST MFG MODEL NO.	ANL	F/O	C	FREQ	TM	HL
1 MS-V-67C	R 506 H.8/5.6 MS-V-28C BODY DRAIN SHUT	215										
2 MS-V-67C+	R 506 H.8/6.4 MS-V-28C BODY DRAIN											
1 MS-V-67D	R 506 H.8/6.4 MS-V-28D BODY DRAIN SHUT	215										
2 MS-V-67D+	R 506 H.8/6.2 MS-V-28D BODY DRAIN											
1 MSLC-FN-1	R 506 4.6/6.2 INBD. MS LINE DEPRESS. FAN	28	145009									
2 MSLC-FN-1+	R 473 H.3/6.3 INBD. MS LINE DEPRESS. FAN	B 515				7433689		0 1				N
1 MSLC-FN-2	R 473 H.3/6.3 OUTBD MS LINE DEPRES FAN	28	145009									
2 MSLC-FN-2+	R 511 H.3/7.0 OUTBD. MS LINE DEPRESS. FAN	B 515				7493689REV G		0 1				N
1 MSLC-MO-10	R 511 4.3/7.0 IHP MOTOR OPERATOR MSLC-V-10	215										
2 MSLC-V-1A	R 501 H1/6.4 1.5" GATE MS VENT BYPASS VALVE TO	215	361204									
1 MSLC-V-1A+	R 471 H.5/5.5 1.5" GATE MS VENT BYPASS VALVE	B 350				79020-001						
2 MSLC-V-1B	R 471 H.5/5.5 1.5" GATE MS VENT BYPASS VALVE TO	215	361204									
1 MSLC-V-1B+	R 471 H.5/5.6 1.5" GATE MS VENT BYPASS VALVE	B 350				79020-001						
2 MSLC-V-1C	R 471 H.5/5.6 1.5" GATE MS VENT BYPASS VALVE TO	215	361204									
1 MSLC-V-1C+	R 471 H.5/5.6 1.5" GATE VENT BYPASS MS VALVE	B 350				79020-001						
2 MSLC-V-1D	R 471 4.5/5.6 1.5" GATE MS VENT BYPASS VALVE TO	215	361204									
1 MSLC-V-1D+	R 471 H.5/5.5 1.5" GATE MS VENT BYPASS VALVE	B 350				79020-001						
2 MSLC-V-10	R 471 H.5/5.5 1.5" GATE MS DEPRES. VENT VALVE TO	215	361204									
1 MSLC-V-10+	R 501 H.1/6.4 1.5" GATE MS DEPRESS VENT VALVE	B 350				P 76890-001						
2 MSLC-V-11	R 501 H.1/6.4 1.5" VACUUM BREAKER TO MANIFOLD	215	361204									
1 MSLC-V-12	R 481 H.5/6.1 1.5" VACUUM BREAKER TO MSLC-FN-2	215	361204									
2 MSLC-V-2A	R 510 H.7/7.0 1.5" GATE LOOP "A"	B 350										
1 MSLC-V-2A+	R 502 H.6/5.5 1.5" GATE LOOP "A" MANIFOLD	215	361204									
2 MSLC-V-2B	R 502 H.6/5.5 1.5" GATE LOOP "B" MANIFOLD MC	B 350				P 76890-001						
	R 502 4.6/5.3					1 0						
						P 76890-001						

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR NRC-SGRT

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	UID	QS	USE	TEST MFG MODEL NO.	ANL	F/O	C	FREQ	TM	HL
MSLC-V-2B+ 1	1.5" GATE LOOP "B" MANIFOLD R 502 H.6/5.3					1 0						
MSLC-V-2C 2	1.5" GATE LOOP "C" MANIFOLD R 502 H.6/6.4	215	361204	R		1 0						
MSLC-V-2C+ 1	1.5" GATE LOOP "C" MANIFOLD R 502 H.6/6.4	B350				P 76890-001						
MSLC-V-2D 2	1.5" GATE LOOP "D" MANIFOLD R 502 H.4/5.8	215	361204	R		1 0						
MSLC-V-2D+ 1	1.5" GATE LOOP "D" MANIFOLD R 502 H.4/5.8	B350				P 76890-001						
MSLC-V-3A 2	1.5" GATE LOOP "A" R 502 H.5/5.5	215	361204	R		1 0						
MSLC-V-3A+ 1	1.5" GATE LOOP "A" R 502 H.6/5.5	B351				P 76890-001						
MSLC-V-3B 2	1.5" GATE LOOP "B" R 502 H.6/5.3	215	361204	R		1 0						
MSLC-V-3B+ 1	1.5" GATE LOOP "B" R 502 H.6/5.3	B350				P 76890-001						
MSLC-V-3C 1	1.5" GATE LOOP "C" MO R 502 H.6/6.4	215	361204	R		1 0						
MSLC-V-3C+ 1	1.5" GATE LOOP "C" R 502 H.6/6.4	B350				P 76890-001						
MSLC-V-3D 2	MSLC ISO VALVE R 502 H.4/5.8	215	361204	R		1 0						
MSLC-V-3D+ 1	1.5" GATE LOOP "D" R 502 H.4/5.8	B350				P 76890-001						
MSLC-V-4 2	1.5" GATE TO GAS TREATMENT R 502 H.2/6.0	215	361204	R		1 0						
MSLC-V-4+ 1	1.5" GATE TO GAS TREATMENT R 502 H.2/6.0	B350				P 76890-001						
MSLC-V-5 2	1.5" GATE TO GAS TREATMENT R 502 H.2/6.2	215	361204	R		1 0						
MSLC-V-5+ 1	1.5" GATE TO GAS TREATMENT R 502 H.2/6.2	B350				P 76890-001						
MSLC-V-9 2	1.5" GATE MS DEPRESS VENT VALVE TO R 502 H.2/6.4	215		R		1 0						
MSLC-V-9+ 1	1.5" GATE MS DEPRESS VENT VALVE R 502 H.2/6.4					1 0						
MT-CRA-2 1	RX HLDG (125TON/15TON) R 648	31A	055001	M		3 0		0 1				N
MT-CRA-9A 1	PORTABLE REFUEL. JIB (1/2 TON) R 607 J5/7.5	32CD	055002	M		3 0		0 1				N
MT-CRA-9B 1	PORTABLE REFUEL. JIB (1/2 TON) R 607 L9/8.5	32CD	055002	M		3 0		0 1				N
NSSE-CRA-3 1	REFUELING PLATFORM R 601	2		R		3 0						
NSSE-EJ-1 2	INNER REFUELING BELLOWS R 601	17	G080	R		762E892G002						
NSSE-EJ-2	OUTER REFUELING BELLOWS	17	P090	R		3 0						

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	MS	USE	TEST MFG MODEL NO.	AVL	F/O	C	FREQ	FM	HL
1 NSSE-EQ-1A	R 601 FUEL PREPARATION MACHINES	P090										
1 NSSE-EQ-1B	R 601 WATER VAC CLEANER SEE NSSE-P-7	G090				283X759001	2			17		Y
1 NSSE-EQ-8	R 606 INSERVICE INSPECTION PLATFORM	G080				3 0						
1 POA-AD-1A1	R 606 AUTOMATIC DAMPER, POA-FN-2A INLET	G080				3 0		0 2		09		Y
2 POA-AD-1A1+	A 441 A.2/1.1 AUTOMATIC DAMPER, POA-FN-2A INLET	P014	011001	R		4 3						
1 POA-AD-1A2	A 441 A.2/1.1 AUTOMATIC DAMPER, POA-FN-2A INLET					P.O. 630-N-31408						
2 POA-AD-1A2+	A 445 A.2/1.1 AUTOMATIC DAMPER, POA-FN-2A INLET	P014	011001	R		4 3						
1 POA-AD-1B1	A 445 A.2/1.1 AUTOMATIC DAMPER, POA-FN-2B INLET					P.O. 630-N-31408						
2 POA-AD-1B1+	A 441 A.2/1.1 AUTOMATIC DAMPER, POA-FN-2B INLET	P014	011001	R		4 3						
1 POA-AD-1B2	A 441 A.2/1.1 AUTOMATIC DAMPER, POA-FN-2B INLET					P.O. 630-N-31408						
2 POA-AD-1B2+	B 445 A.2/1.1 AUTOMATIC DAMPER, POA-FN-2B INLET	P014	011001	R		4 3						
1 POA-FN-2A	A 445 A.2/1.1 SW PUMPHOUSE A SUPPLY FAN	28	145014	C		4 3		0 1		21	F	N
2 POA-FN-2A+	A 441 A.2/1.3 SW PUMPHOUSE A SUPPLY FAN	B515				S.O. 745-9792						
1 POA-FN-2B	A 441 A.2/1.3 SW PUMPHOUSE B SUPPLY FAN					4 3						
2 POA-FN-2B+	B 441 A.2/1.3 SW PUMPHOUSE B SUPPLY FAN	28	145014	C		4 3		0 1		21		N
1 RCC-V-104	B 441 A.2/1.3 10" GATE VALVE BODY					4 3						
2 RCC-V-104+	R COMPOSITE 10" NO GATE	41A				1 0						
1 RCC-V-129	R 8" GATE FPC-HXS INLET	41A				1 0						
2 RCC-V-129+	R COMPOSITE FOR RCC-V-129					1 0						
1 RCC-V-130+	R COMPOSITE FOR RCC-V-130					1 0						
1 RCC-V-131	R 6" GATE FPC HXS OUTLET	41A				1 0						
2 RCC-V-131+	R COMPOSITE FOR RCC-V-131					1 0						
1 RCC-V-21	R 10" NO GATE PRIM CONT OUT	41A	361706	R		1 0						
2 RCC-V-21+	R 514 K.3/4.2 COMPOSITE FOR RCC-V-21	V085				H16-00054B-26LN						
1 RCC-V-21+	M 525 D10					1 0						

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE	F-SIT MFG MODEL NO.	ANL	F/O	C	FREQ	TM	HL
RCC-V-40 2	10" GATE MO RCC RET FROM PR C 514 7B D AZ R33	41A	361706	R	1 0							P
RCC-V-40+ 1	COMPOSITE FOR RCC-V-40 C 514 7B D AZ R33	W095			04G P2-3311-411 1 0							
RCC-V-5 2	10" MO GATE PRIM CONT INLET ISO R 514 K.3/4.1	41A	361706	R	1 0							
RCC-V-5+ 1	COMPOSITE FOR RCC-V-5 R 514 K.3/4.1	W095			B16-00054B-26LN 1 0							
RCIC-AJ-25 2	AIR OPERATOR RCIC-V-25 R	215		R	3 1							
RCIC-AJ-26 2	AIR OPERATOR RCIC-V-26 P	215		R	3 1							
RCIC-AJ-4 2	AIR OPERATOR RCIC-V-4 R	215		R	3 1							
RCIC-AJ-5 2	AIR OPERATOR RCIC-V-5 R	215		R	3 1							
RCIC-AJ-54 2	AIR OPERATOR RCIC-V-54 R	215		R	3 1							
RCIC-AJ-65 2	AIR OPERATOR RCIC-V-65 R	69	018004	R	2 1							
RCIC-AJ-66 2	AIR OPERATOR RCIC-V-66 R 590 200 D AZ	69		R	2 1	OSK2764						
RCIC-DT-1 2	RCIC TURBINE E51-C302 N 426 H.5/7.4	02E51	094001	R	3 1							
RCIC-DT-1+ 1		T147			GS-2 3 1							
RCIC-HO-2 2	HYD OPERATOR RCIC-V-2 GOV VALVE R 426 H3/7.8	W296	170001	R	3 1							
RCIC-P-1 2	RCIC PUMP R 425 H.6/7.3	02E51	233012	R	3 1	PN8250-19U						
RCIC-P-2 2	RCIC VACUUM PUMP R 424 H.2/5.9	B260	233013	M	3 1	6X6X161/2CP		0 1				N
RCIC-P-3 2	RCIC WATER LEG PUMP R 424 H.4/7.7	N010	233014	B	3 1	MD671						
RCIC-P-4 2	RCIC CONDENSATE PUMP R 424 H.3/6.4	C676		R	3 1	FIG 3065-1055-6599						
RCIC-P-5 2	RCIC TURBINE MAIN OIL PUMP R 422 H.5.3.8	02E51	233024		3 1							
RCIC-PC-15 2	PRESSURE CONTROL FOR RCIC-PCV-15 427 H.5/7.2	T343	235001		3 1	ORFD-1						P
RCIC-RV-17 2	PRESSURE RELIEF VLV 0.75" X 1" R11 R 431 H.3/7.7	215	L265	T	3 1	4160		0 1		75		N
RCIC-RV-18 2	PRESSURE RELIEF VLV 0.75" X 1" R63 R 427 H.3/7.8	215	L265	T	3 1	LCT-11		0 1		99+		N
RCIC-RV-33 2	PR. RELIEF VLV 1.5X2.5" RCIC-TK-1 R 427 H.5/6.7	215	C710	N	3 0	JO-25-WRB		0 1		99+		N
RCIC-V-1 2	3" MO STOP RCIC TRIP THROTTLE VALVE R 428 H.7/7.3	02E51	361967	R	3 1							
RCIC-V-10 2	8" MO GATE VLV-SJCTION COND-P-5,3, R	41A	361705	R	3 1	E9-XC-113						

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE	TEST MFG MODEL NO.	ANL	F/O	C	FREQ	TM	HL
2 RCIC-V-10+	R 426 H.4/7.3	V085				DWG P2-3311-N-9 3 1						
1 RCIC-V-110	2* VAC. REL. VLV-M.O.-30	215	361205	M	2 1		0 1			99+		Y
2 RCIC-V-110+	R 475 J.6/7.4	R350				79360 2 1						
1 RCIC-V-113	VAC. REL. VLV M.O.-86	215	361205	M	2 1		0 1			99+		Y
2 RCIC-V-113+	R 475 J.6/7.4	R350				P 79360 2 1						
1 RCIC-V-12	6* MO GATE TO REACTOR HEAD	41A	361742	A	3 1	2 1	0 1			70		N
2 RCIC-V-13	R 423 H.4/7.7	V085				DWG P2-3287-N3 2 1	2 1	0 1		70		N
2 RCIC-V-13+	6* MO GATE TO RX HEAD	41A	361742	C	2 1	2 1	0 1					
1 RCIC-V-141	R 552 H.3/5.5	V085				DWG P23311N4 2 1						
2 RCIC-V-19	RHR STEAM SPLY TRAP STATION (DRA	215	361201	B	3 1		0 1			99+		N
2 RCIC-V-19	R 549 110 D AZ	R350				P 76590						
2 RCIC-V-19+	RCIC PUMP DIS TO SJP POOL	215	361205	A	2 1		0 1			34		N
1 RCIC-V-19B	R 467 J.4/7.7	R350				P 76850 2 1						
2 RCIC-V-2	1* GLOBE PS-19B TO SR-6	215		X	3 0							
2 RCIC-V-2+	567 H.3/5.3											
2 RCIC-V-22	3*MO PLJG RCIC TURBINE GOV VALVE	02E51	361968	R	3 1							
1 RCIC-V-22+	R 425 H.5/6.7	S075				DWG 66726A 3 1						
2 RCIC-V-25	6* MO GLOBE PUMP DISCH TO CST	41B	361004	M	3 1		0 1			67		N
1 RCIC-V-25+	R 443 H.5/8.1	A391				DWG 2653-3 3 1						
2 RCIC-V-26	ON DR LINE FROM TURB STM DRIP POT	215	361202	B	3 1		0 1			32		
1 RCIC-V-26+	R 423 H.3/6.9	R350				DWG 78560 3 1						
2 RCIC-V-31+	ON DR LINE FROM TURB STM DRIP POT	215	361202	B	3 1		0 1			32		N
1 RCIC-V-4	R 423 H.3/6.9	R350				DWG 78560 3 1						
2 RCIC-V-4+	1* AO.VLV DISC RCIC-P-4 TO EDR	215	361202	B	3 1		0 1					N
1 RCIC-V-45	R 424 H.7/6.7	R350				DWG 78560 3 1						
2 RCIC-V-45	4* MO GLOBE TURB INLET	41B	361020	A	3 1		0 1			55		N
	R 425 H.8/7.2	A391				DWG 2651-3						

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	WS	USE	TEST MFG MODEL NO.	A4L	F/O	C	FREQ	FM	HL
RCIC-V-45+ 1						3 1						
RCIC-V-46 2	AUX CLG SUPPLY R 423 H.4/7.3	215 B350	361205	A		3 1 P 78850	0 1			34		N
RCIC-V-46+ 1						3 1						
RCIC-V-5 2	1"40 VLV RCIC-P-2 DISCH TO EDR R 423 H.3/6.5	215 B350	361202	B		3 1 P 78560	0 1			32		N
RCIC-V-5+ 1						3 1						
RCIC-V-54 2	DIAPH OP. CONTROL VLV STM TRAP BYP R 423 H.7/7.0	215 B350	361202	B		3 1 P 78560	0 1			32		N
RCIC-V-54+ 1						3 1						
RCIC-V-59 2	6" MO GATE RETURN TO CST R 443 H.7/8.1	41A V085	361742	A		3 1 2 1 DWG P23311N4	0 1			70		N
RCIC-V-59+ 1						3 1						
RCIC-V-63 2	10" MO GATE MS TO RHR HX RCIC TURB C 551 130 D AZ R19	41A V085	361744	N		2 1 DWG P2-3311-N14	0 1			50+		Y
RCIC-V-63+ 1						2 1						
RCIC-V-64 2	10" GATE MS TO RHR HX PC ISOL R 550 L.7/4.7	41A V085	361744	B		2 1 DWG P23311-N14	0 1			50+		N
RCIC-V-64+ 1						2 1						
RCIC-V-65 2	TESTABLE CHECK ON RCIC ITO REACTOR R 566 H.6/5.6	69 V085	361761	M		2 1 DWG P2-2767-N1	0 1			45		N
RCIC-V-65+ 1						2 1						
RCIC-V-66 2	6" CHECK TEST. CHK/RCIC IO REACTOR C 606 150 AZ	41B A391	361053	M		2 1 3489-3	0 1					Y
RCIC-V-66+ 1						2 1						
RCIC-V-68 2	10" MO GATE TURB EXH TO SUPP POOL R 474 J.1/7.5	41A V085	361044	R		2 1 DWG P2-3311-N-11						
RCIC-V-68+ 1						2 1						
RCIC-V-69 2	VACUUM PUMP DIS TO SUPP 1 1/2" VLV R 465 345 D AZ	215 B350	361205	C		2 1 DWG 79360	0 1			39+		N
RCIC-V-69+ 1						2 1						
RCIC-V-76 2	1" GLOBE RCIC-V-63 BYPASS MO C	215 B350	361202	M		2 1 106DAA3-001	0 1			34+		N
RCIC-V-76+ 1						2 1						
RCIC-V-8 2	4" MO GATE STEAM TO RCIC TURBINE R 512 J1/5	41A V085	361741	T		2 1 B12-07054B-024N	0 1					N
RCIC-V-8+ 1						2 1						

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE	TEST MFG MODEL NO.	ANL	F/O	C	FREQ	TR	HL
1 REA-A0-V1	AIR OPER FOR VALVE REA-V-1					1 3						
2 REA-A0-V2	AIR OPER FOR VALVE REA-V-2					1 3						
2 REA-V-1	72.0" BFLY R BLD ISO R 597 H.2/76.2	68	361102	R		1 3						
2 REA-V-1+	RX BLDG EXH VLV DISCH COMPOSITE R 572	B250				DWG A206760 1 3						
1 REA-V-2	72.0" BFLY R BLD ISO R 597 H.4/76.2	68	361102	R		1 3						
2 REA-V-2+	RX BLDG EXH VLV DISCH COMPOSITE R 572	B250				DWG A-206760 1 3						
1 RFW-V-10A	24" CHECK RFW TO RPV (INSIDE PC) C 512 345 D AZ R36	41B	361056	M		1 0		0 1			P	Y
2 RFW-V-10B	24" CHECK RFW TO RPV (INSIDE PC) C 512 15 D AZ R36	41B	361056	M		1 0		0 1			P	Y
2 RFW-V-32A	24" AO CHECK RFW OUTBOARD ISOL R 512 H675.7	41B	361057	N		1 3		0 1				N
2 RFW-V-32A+	24" AO CHECK RFW OUTBOARD ISOL	A391				4513-55 1 3						
1 RFW-V-32B	24" AO CHECK RFW OUTBOARD ISOL R 512 H676.3	41B	361057	N		1 3		0 1				N
2 RFW-V-32B+	24" AO CHECK RFW OUTBOARD ISOL	A391				4513-55 1 3						
1 RFW-V-65A+	24" MO GATE RFW INLET TO RPV					1 3						
1 RFW-V-65B	24" MO GATE RFW INLET TO RPV R 512 H376	41A	361751	C		1 3		0 1				N
2 RFW-V-65B+	24" MO GATE RFW INLET TO RPV	V085				B24-07067P-25SP 1 3				30		
1 RHR-A0-41A	AIR OPERATOR RHR-V-41A C 569 20 D AZ R19					3 0						P
2 RHR-A0-41B	AIR OPERATOR RHR-V-41B C 569 160 D AZ R19	V085				DWG P2-2767-N 3 0						P
2 RHR-A0-41C	AIR OPERATOR RHR-V-41C C 569 343 D AZ R19	V085				DWG P2-2767-N 3 0						P
2 RHR-A0-50A	AIR OPERATOR RHR-V-50A C 513 95 D AZ R28	V085				DWG P2-2767-N 3 0						P
2 RHR-A0-50B	AIR OPERATOR RHR-V-50B C 513 285 L AZ R27					3 0						P
2 RHR-A0-89	AIR OPERATOR RHR-V-89 R 553 4.2/78.9					2 0						
2 RHR-FCV-64A	3" MO GLOBE RHR 4 MIN FLOW R 443 K.0/79.1	42A	133003	N		DWG P2-2767-N 1 3		0 1				N
2 RHR-FCV-64A+	3" MO GLOBE RHR 4 MIN FLOW	F130				52A8657 1 3						
1 RHR-FCV-64B	3" MO GLOBE RHR 3 MIN FLOW R 443 M.0/79.1	42A	133003	N		1 3		0 1				N
2 RHR-FCV-64B	3" MO GLOBE RHR 3 MIN FLOW	F130				52A8657 1 3						

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE	TEST MFG MODEL NO.	ANL	F70	C	FREQ	TM	HL
RHR-FCV-64B+ 1	3" MO GLOBE RHR A MIN FLOW R 443 H/9.1	F 131				1 3 SMB-000						
RHR-FCV-64C 2	3" MO GLOBE RHR C MIN FLOW R 443 J.07/4.9	42A F 130	133003	N		1 0 52A8657	0 1					
RHR-FCV-64C+ 1	3" MO GLOBE RHR C MIN FLOW R 443 J/4.9	F 130				1 0 SMB-000						
RHR-LCV-65A 2	LINE FROM RHR HEAT EXCHANGER 1A R 481 7.97/K	42A F 130	193001	M		1 1 52A8653	0 1					
RHR-LCV-65A+ 1	LINE FROM RHR HEAT EXCHANGER 1A					1 1						
RHR-LCV-65B 2	2.5" GLOBE LINE FROM RHR HEAT EXCH 1A R 475 L3/8.1	42A F 130	193001	M		1 1 2808-42A	0 1					
RHR-LCV-65B+ 1	2.5" GLOBE LINE FROM RHR HEAT EXCHA					1 1						
RHR-?-2A 2	RHR PUMP LOOP A 4X SUPPLY R 424 K.27/8.5	02E12 I075	233011	M		1 3 297-KD	0 2			18		N
RHR-?-2A+ 1	RHR PUMP A					1 3						
RHR-?-2B 2	RHR PUMP LOOP A 4X SUPPLY R 424 L.87/8.5	02E12 I075	233011	M		1 3 29APKD-3	0 2			38		N
RHR-?-2B+ 1	RHR PUMP					1 3						
RHR-?-2C 2	RHR PUMP CE12-C0020 R 422 H.77/4.7	02E12 I075	233011	M		1 0 29A2KD	0 2			18		
RHR-?-2C+ 1	RHR PUMP CE12-C0020					1 0						
RHR-?-3 2	RHR WATER LEG PUMP R 423 H.37/4.7	35A C676	233006	A		2 3 FIG 3065-1055-6599	0 1			82		N
RHR-?-3+ 1	RHR WATER LEG PUMP					2 3						
RHR-?CV-51A 2	8 CONTV PIC SONIC FLOW: SPECIAL TY R 578 J/9.3	42A F 130	236004	M		1 1 53A2406	0 1			17+		N
RHR-?CV-51A+ 1	8 CONTV PIC SONIC FLOW: SPECIAL TY					1 1						
RHR-?CV-51B 2	8 CONTV PIC SONIC FLOW: SPECIAL TY R 575 H.87/9.3	42A F 130	236004	M		1 1 T 667-EWP	0 1			17+		N
RHR-?CV-51B+ 1	8 CONTV PIC SONIC FLOW: SPECIAL TY					1 1						
RHR-?PI-2A 2	PRESSURE INDICATOR FOR RHR-?-2A R	02 R290				3 0 6138						
RHR-?PI-2B 2	PRESSURE INDICATOR FOR RHR-P-2B R	02 R290				3 0 6138						
RHR-V-11A 2	4" MO GATE RHR HX A OUTLET R 474 K.27/8.1	41A V085	361723	A		1 1 DWG P2-3311-N7/A	0 1			58		N
RHR-V-11A+ 1	4" MO GATE RHR A OUTLET					1 1						
RHR-V-11B 2	4" MO GATE RHR HX B OUTLET R 474 L.87/8.1	41A V085	361723	A		1 1 DWG P2-3311-N7	0 1			58		N
RHR-V-11B+ 1	4" MO GATE RHR HX B OUTLET					1 1						

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE TEST MFG MODEL NO.	A4L	F70	C	FREQ	TM	HL
1 RHR-V-115	14" MO GATE FROM SW R 553 9.1/N.0	41A	361723	R	1 0						
2 RHR-V-115+	14" MO GATE FROM SW	V085			DWG P2-3513-N31 1 0						
1 RHR-V-116	14" MO GATE FROM SW R 553 9.0/N.0	41A	361723	R	1 0						
2 RHR-V-116+	14" MO GATE FROM SW	V085			DWG P2-3513-N31 1 0						
1 RHR-V-123A	RHR-V-50 BYPASS C 513 93 D AZ R31	215	361202	H	2 3						P
2 RHR-V-123A+	RHR-V-50 BYPASS	B350			P 76890-2 2 3						
1 RHR-V-123B	RHR-V-50 BYPASS C 509 270 D AZ R27	215	361202	R	2 3						P
2 RHR-V-123B+	RHR-V-50 BYPASS	B350			P 76890-2 2 3						
1 RHR-V-124A	RHR DRIP POT DRAIN TO RADWASTE R 472 K.8/B.1	215	361204	A	2 1		0 1		65		N
2 RHR-V-124A+	RHR DRIP POT DRAIN TO RADWASTE	B350			304EAB3-004 2 1						
1 RHR-V-124B	RHR DRIP POT DRAIN TO RADWASTE R 472 L.2/P.1	215	361204	A	2 1		0 1		65		N
2 RHR-V-124B+	RHR DRIP POT DRAIN TO RADWASTE	B350			P 304EAB3-001 2 1						
1 RHR-V-125A	RHR DRIP POT DRAIN R 472 B/L.5	215	361204	A	2 1		0 1		65		N
2 RHR-V-125A+	RHR DRIP POT DRAIN	B350			P 304EAB3-001 2 1						
1 RHR-V-125B	RHR DRIP POT DRAIN TO RADWASTE R 472 B/L.4	215	361204	A	2 1		0 1		65		N
2 RHR-V-125B+	RHR DRIP POT DRAIN TO RADWASTE	B350			P 304EAB3-001 2 1						
1 RHR-V-134A	CAC INTERTIE TO RHR R 548 K1/9.0	215	361205	R	1 0						
2 RHR-V-134A+	CAC INTERTIE TO RHR	B350			DWG 82120 1 0						
1 RHR-V-134B	CAC INTERTIE TO RHR R 548 L5/9.2	215	361205	R	1 0						
2 RHR-V-134B+	CAC INTERTIE TO RHR	B350			DWG 82120 3 0						
1 RHR-V-16A	16" MO GATE SPRAY HEADER R 550 L.0/A.5	41A	361729	H	1 0		0 1		70		Y
2 RHR-V-16A+	16" MO GATE SPRAY HEADER	V085			DWG P2-3513-N35 1 0						
1 RHR-V-16B+	16" MO GATE DRYWELL SPRAY HEADER			R	1 0						
1 RHR-V-17A+	16" MO GATE DRYWELL SPRAY HDR			R	1 0						

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE	TEST MFG MODEL NO.	ANL	F70	C	FREQ	FM	HL
RHR-V-17B 2	16" MO GATE DRYWELL SPRAY HEADER R 558 K/8.3	41A V085	361729	M	1 0	DWG P2-3313-N35 1 0	0 1			71+		N
RHR-V-17B+ 1	16" MO GATE DRYWELL SPRAY HEADER											
RHR-V-21 2	18" MO GLOBE LOOP C RET TO SUPP PO R 446 H.4/5.8	41H A391	361027	M	1 0	DWG 2648-3 1 0	0 1			35+		N
RHR-V-21+ 1	18" MO GLOBE LOOP C RET TO SUPP PO											
RHR-V-23 2	6" MO GLOBE RHR TO RK HEAD SPRAY R 550 M.2/5.1	41B A391	361021	N	1 3	DWG 2654-3 1 3	0 1			93		N
RHR-V-23+ 1	6" MO GLOBE RHR TO RK HEAD SPRAY											
RHR-V-24A 2	18" MO GLOBE LOOP A TEST THROTTLE R 474 B.1/7K	41B A391	361027	M	1 0	DWG 2648-3 1 0	0 1			35+		N
RHR-V-24A+ 1	18" MO GLOBE LOOP A TEST THROTTLE											
RHR-V-24B 2	18" MO GLOBE LOOP B TEST THROTTLE R 474 B.2/8.1	41B A391	361027	M	1 0	DWG 2648-3 1 0	0 1			35+		N
RHR-V-24B+ 1	18" MO GLOBE LOOP B TEST THROTTLE											
RHR-V-26A 2	4" MO GATE HEX A OUT TO RCIC R 477 B.2/K.5	41A V085	361723	A	1 1	DWG P2-3311-N7/A 1 1	0 1			59		N
RHR-V-26A+ 1	4" MO GATE HEX A OUT TO RCIC											
RHR-V-26B 2	4" MO GATE HEX-B OUTLET TO RCIC R 473 B.1/L.2	41A V085	361723	A	1 1	DWG P2-3311-N7/A 1 1	0 1			58		N
RHR-V-26B+ 1	4" MO GATE HEX-B OUTLET TO RCIC											
RHR-V-27A 2	6" MO GATE LOOP A TO SUPP POOL SPRY R 495 K.3/4.1	41A V085	361724	R	1 0	DWG P2-3311-N10 1 0						
RHR-V-27A+ 1	6" MO GATE LOOP A TO SUPP POOL SPRY											
RHR-V-27B 2	6" MO GATE LOOP B TO POOL SPRAY R 495 M.1/7.7	41A V085	361724	R	1 0	DWG P2-3311-N10 1 0						
RHR-V-27B+ 1	6" MO GATE LOOP B TO POOL SPRAY											
RHR-V-3A 2	18" MO GATE HX A OUTLET ISOL R 544 J.9/8.5	41A V085	361739	B	1 3	DWG P2-3313-N40 1 3	0 1			33		N
RHR-V-3A+ 1	18" MO GATE HX A OUTLET ISOL											
RHR-V-3B 2	18" MO GATE HX B OUTLET ISOL R 557 M.1/7.1	41A V085	361739	B	1 3	DWG P2-3313-N40 1 3	0 1			33		N
RHR-V-3B+ 1	18" MO GATE HX B OUTLET ISOL											
RHR-V-4A 2	24" MO GATE SUPP POOL LOOP A SUPPY R 447 L.1/8.3	41A V085	361733	B	2 0	DWG P2-3311-N40 1 0	0 1			37		N
RHR-V-4A+ 1	24" MO GATE SUPP POOL LOOP A SUPPY											
RHR-V-4B 2	24" MO GATE SUPP POOL LOOP B OTLET	41A	361733	B	1 0		0 1			37		N

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT NO.	QTY	QS	USE MFG MODEL NO.	AVL	F/O	C	FREQ	TM	HL
2 RHR-V-4B+	R 522 L.2/0.3 24" MO GATE SUPP POOL LOOP B OUTLET	V085			424-0106/B-02WN 1 0						
1 RHR-V-4C	24" MO GATE SUPP POOL LOOP C SUPPLY	41A	361713	3	1 0	0 1			37		N
2 RHR-V-4C+	R 449 J.0/7A.2 24" MO GATE SUPP POOL LOOP C SUPPLY	V085			DWG P2-3313-N40 1 0						
1 RHR-V-4D	4" MO GLOBE RHR LOOP B RETURN TO	41B	361020	A	2 0	2 1	0 0		21		N
2 RHR-V-4D+	R 552 M.7/0.3 4" MO GLOBE RHR LOOP B RETURN TO	4391			DWG 2645-3 2 0						
1 RHR-V-42A	14" MO GATE OUTBOARD RETURN TO	41A	361746	Y	1 0		0 1		42		N
2 RHR-V-42A+	R 527 J.0/7B.0 14" MO GATE OUTBOARD RETURN TO	V085			DWG P2-3311-N36 1 0						
1 RHR-V-42B	14" MO GATE RET TO RPV, OUTBOARD	41A	361746	Y	1 0		0 1		42		N
2 RHR-V-42B+	R 525 M.0/75.6 14" MO GATE RET TO RPV, OUTBOARD	V085			DWG P2-3313-N/14 1 0						
1 RHR-V-42C	14" GATE RHR RETURN TO RPV, OUTBO	41A	361746	Y	1 0		0 1		42		N
2 RHR-V-42C+	R 527 J.1/75.8 14" GATE RHR RETURN TO RPV, OUTBO	V085			DWG P2-3311-N36 1 1						
1 RHR-V-46C	6" CHECK LOOP CX MIN FLOW	41B	361038	R	2 0						
2 RHR-V-47A	R 451 J.2/7A.8 18" MO GATE RHR HK INLET ISOL	41A	361730	B	1 3		0 1		33		N
1 RHR-V-47A+	R 575 J.7/7B.7 18" MO GATE RHR HK INLET ISOL	V085			DWG P2-3313-N40 1 3						
2 RHR-V-47B	18" GATE MO RHR HK INLET ISOL	41A	361730	M	1 3						
1 RHR-V-47B+	R 576 M.3/7B.4 18" GATE MO RHR HK INLET ISOL	V085			DWG P2-3313-N-40 1 3						
2 RHR-V-48A	18" MO GLOBE RHR HEX A BYPASS BLOC	41B	361027	M	1 3		0 1		35+		N
1 RHR-V-48A+	R 552 J.0/7B.7 18" MO GLOBE RHR HEX A BYPASS BLOC	4391			DWG 2648-3 1 3						
2 RHR-V-48B	18" MO GLOBE HEX B BYPASS BLOCK	41B	361027	M	1 3		0 1		35+		N
1 RHR-V-48B+	R 553 M.9/7B.9 18" MO GLOBE HEX B BYPASS BLOCK	4391			DWG 2648-3 1 3						
2 RHR-V-49	4" MO GATE LOOP B TO FLOOR DRAIN TK	41A	361723	A	2 0		0 1		58		N
1 RHR-V-49+	R 552 M.7/7B.4 4" MO GATE LOOP B TO FLOOR DRAIN TK	V085			DWG P2-3311-N7/A 2 0						
1 RHR-V-50A+	12" AD CHECK TEST CHECK LOOP A			R	2 3						
1 RHR-V-50B+	12" AD CHECK TEST CHECK LOOP B			R	2 3						

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	UID	QS	USE	T/J MFG MODEL NO.	AVL	F/O	C	FREQ	TM	HL
RHR-V-52A 2	8" GLOBE RCIC STEAM TO RHR HX R 574 M.5/78.7	42A F130	361931	M	1 1		0 1					N
RHR-V-523+ 1	8" GLOBE RCIC STEAM TO RHR HX				1 1	F SMB-00-10-EMP						
RHR-V-52B 2	8" GLOBE RCIC STEAM TO RHR HX R 575 M.1/79.2	42A F130	361931	M	1 1		0 1					N
RHR-V-52B+ 1	8" GLOBE RCIC STEAM TO RHR HX				1 1	F SMB-001-30EMP						
RHR-V-53A 2	12" MO GATE SHUTDOWN COOL LOOP A R 516 K.3/74.1	41B A391	361024	M	1 3	2 1 DWG 2658-3	0 1			26		N
RHR-V-53A+ 1	12" MO GATE SHUTDOWN COOL LOOP A				1 3							
RHR-V-53B 2	12" MO GLOBE SHUTO COOL LOOP B: R 512 L.7/79 AZ 2560	41B A391	361024	M	1 3	DWG 2658-3	0 1			99+		N
RHR-V-53B+ 1	12" MO GLOBE SHUTO COOL LOOP B:				1 3							
RHR-V-6A 2	18"MO GATE RHR PUMP A INLET BLOCK R 435 K.3/78.2	41A V085	361730	B	1 3		0 1			55		N
RHR-V-6A+ 1	18"MO GATE RHR PUMP A INLET BLOCK				1 3	DWG P2-3313-N40						
RHR-V-6B 2	18"MO GATE RHR PUMP B INLET R 434 L.0/78.3	41A V085	361730	B	1 3		0 1			55		N
RHR-V-6B+ 1	18"MO GATE RHR PUMP B INLET				1 3	DWG P2-3311-N40						
RHR-V-60A+ 1	PROCESS SAMPLING COVN @			R	2 0							
RHR-V-60B+ 1				R	2 0							
RHR-V-63A 2	16" GATE MO RHR HX SW ISOL R 553 M.9/79.3	41A V085	361729	A	2 0		0 1			45		M
RHR-V-63A+ 1	16" GATE MO RHR HX SW ISOL				2 0	DWG P2-3313-N-39-0						
RHR-V-63B 2	16"MO GATE RHR HX SW ISOL R 551 M.7/79.3	41A V085	361729	A	2 0		0 1			45		N
RHR-V-63B+ 1	16"MO GATE RHR HX SW ISOL				2 0	DWG P2-3313-N-390						
RHR-V-73A 2	RHR H EX A VENT SHELL SI R 572 J879	215 B350	361205	R	1 3							
RHR-V-73A+ 1	RHR H EX A VENT SHELL SI				1 3	DWG 82120						
RHR-V-73B 2	RHR H EX B VENT SHELL SI R 572	215 B350	361205	R	1 3							
RHR-V-73B+ 1	RHR H EX B VENT SHELL SI				1 3	DWG 82120						
RHR-V-74A 2	RHR H EX A VENT SHELL SI R 572	215 B350	361205	R	1 3							
RHR-V-74A+ 1	RHR H EX A VENT SHELL SI				1 3	DWG 82120						
RHR-V-74B 1	RHR H EX B VENT SHELL SI	215	361205	R	1 3							

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	UID	QS	USE	TEST MFG MODEL NO.	ANL	F/O	C	FREQ	TM	HL
2 RHR-V-740+	R 572 RHR H EX B VENT SHELL ST	B350				DWG 92120						
1						1 3						
1 RHR-V-750+	PROCESS SAMPLING COVN #				R	2 0						
1					R	2 0						
1 RHR-V-8	20" GATE SHUTDOWN COOLING SUPPLY R 504 M.9/7.3	41A	361749			1 3		0 1				
2		V085				P2313V33						
1 RHR-V-9+	20" GATE SHUTDOWN COOLING SUPPLY					1 3						
1												
2 RHR-V-87A	8" MO GATE RCIC STEAM CONDENSING R 574 M.8/8.7	42A	361931		M	1 1		1 1				
2		F150				T SMB-0010-EWP						
1 RHR-V-87A+	8" MO GATE RCIC STEAM CONDENSING					1 1						
1												
2 RHR-V-87B	8" MO GLOBE RCIC STEAM CONDENSING R 575 M.8/9.3	42A	361931		M	1 1		0 1				
2		F150				T SMB-001-10EWP						
1 RHR-V-87B+	8" MO GLOBE RCIC STEAM CONDENSING					1 1						
1												
2 RHR-V-89	14" TESTABLE CHECK ON SW X-TIE R 553 M.2/8.9	69	361760		R	2 0						
2		V085				DWG P2-2767-4-2						
1 RHR-V-89+	14" TESTABLE CHECK ON SW X-TIE					2 0						
1												
2 RHR-V-9	20" GATE SHUTDOWN COOLING SUPPLY C 509 120 D AZ R27	41A	361749		M	1 3		0 1			P	Y
2		V095				DWG P2-3513-N35						
1 RHR-V-9+	20" GATE SHUTDOWN COOLING SUPPLY					1 3						
1												
2 ROA-AD-10	MCC ROOM I AUTO DAMPER R 542 M.5/3.9	216	011001			1 0						
2		P014				P.O. 630-N-31408						
1 ROA-AD-10+						1 0						
1												
2 ROA-AD-11	MCC ROOM II AUTO DAMPER K 542 M.7/8.1	216	011001		R	1 0						
2		P014				P.O. 630-N-31408						
1 ROA-AD-11+						1 0						
1												
2 ROA-AD-12	DU MCC ROOM AUTO DAMPER R 480 J.0/8.3	216	011004		R	1 0						
2		M159				332-2799						
1 ROA-AD-12+						1 0						
1												
2 ROA-AD-13	RECOMB MCC RM I AUTO DAMPER R 591 M.5/6.0	216	011001		R	1 0						
2		P014				332-2799						
1 ROA-AD-13+						1 0						
1												
2 ROA-AD-14	RECOMB MCC RM II AUTO DAMPER R 591 M.9/7.4	216	011001		R	1 0						
2		P014				332-2799						
1 ROA-AD-14+						1 0						
1												
2 ROA-AD-15	ANA RM 1A AUTO DAMPER R 563 M.8/4.8	216	011001		R	1 0						
2		P014				P.O. 630-N-31408						

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR MCC-SURT

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EQUIPMENT NO. LV	DESCRIPTION PLANE LOCATION	CONTRACT MFG	QID	QS	USE	TEST MFG MODEL NO.	ANL	F/O	C	FREQ	TM	HL
ROA-AD-10*					1 0							
1												
ROA-AD-17	ANA RM 18 AUTO DAMPER	216	011001	R	1 0							
2	R 563 H.4/4.2	P014			P.0.	650-N-31408						
ROA-AD-17*					1 0							
1												
ROA-AD-19		216			1 0							
2	R 548 L.0/4.0											
ROA-AD-19*					1 0							
1												
ROA-AD-AD10	AIR OPERATOR FOR ROA-AD-10				1 3							
2												
ROA-AD-AD11	MCC ROOM II AUTO DAMPER				1 3							
2	R 542 H.7/8.1											
ROA-AD-AD12	DC MCC ROOM AUTO DAMPER				1 3							
2	R 480 J.0/8.3											
ROA-AD-AD13	RECOMB MCC RMI AUTO DAMPER				1 3							
2	R 591 M.5/6.0											
ROA-AD-AD14	RECOMB MCC RM II AUTO DAMPER				1 3							
2	R 591 M.9/7.4											
ROA-AD-AD15					1 3							
2												
ROA-AD-AD17	ANA RM 18 AUTO DAMPER				1 3							
2	R 563 M.8/4.2											
ROA-AD-V1	R BLDG ISO VALVE				1 3							
2	R 572 D.0/4.0											
ROA-AD-V2	R BLDG ISO VALVE				1 3							
2	R 572 D.0/4.0											
ROA-FN-1A	SUPPLY FAN	64	145015		1 3							
2	R 572 N2/4.8	B515			54-0-9							
ROA-FN-1B	SUPPLY FAN	64	145015		1 3							
2	R 572 N2/4.8	B515			54-0-9							
ROA-V-1	84.0" R BLDG ISO VALVE	68	361101	M	1 3							
2	R 578 M.7/5.7	B250			040 A-206759		0 2			14		N
ROA-V-1*					1 0							
1												
ROA-V-2	84.0" R BLDG ISO VALVE	68	361101	M	1 3							
2	R 578 M.7/5.0	B250			040 A-206759		0 2			14		N
ROA-V-2*					1 0							
1												
PRA-CC-1	COOLING COIL FOR RRA-FC-1	67	037001	N	1 2							
2	R 441 L.7/4.5	C780			P L-75-140-GR.6						F	N
RRA-CC-10	COOLING COIL FOR RRA-FC-10	67		N	1 0							
2	R 522 M.3/3.9	C780			76J-1195							N
RRA-CC-11	COOLING COIL FOR RRA-FC-11	67		N	1 0							
2	R 522 M.5/8.0	C780			76J-1196							N
RRA-CC-12	COOLING COIL FOR RRA-FC-12	216	157003	R	1 0							
2	R 471 H.4/8.2	A089			76J-1197							
RRA-CC-13	COOLING COIL FOR RRA-FC-13	216	037003	R	1 0							

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	MS	USE	TEST MFG MODEL NO.	4XL	F/O	C	FREQ	TM	HL
RRA-FC-17 2	ANALYZER RM FAN COIL UNIT R 560 M.2/4.2	216	130003		R	1 0						F
RRA-FC-17* 1	SAMPLING N ANALY RMIA COOLER ASSY R 549 M5/4.7	B515				S.O. 76J-1201 1 3						
RRA-FC-19 2		29				1 3						
RRA-FC-19* 1	FPC HEAT EXCH N PMP COOLER ASSY					1 3						
RRA-FC-2 2	RHR PUMP ROOM FAN COIL U R 444 K.2/8.3	67	130001		N	1 2						F N
RRA-FC-2* 1	RHR PMP RM2 FN COOLER ASSY R 441 K.2/8.2	P295				P.O. 2808-67 1 2						
RRA-FC-20 2		20				1 3						
RRA-FC-20* 1	FPC HEAT CH N PUMP RM COOLER ASSY					1 3						
RRA-FC-3 2	RHR PUMP ROOM FAN COIL U R 444 L.8/8.3	67	130001		B	1 2						F N
RRA-FC-3* 1	RHR PMP RM1 FAN COOLER ASSY R 441 L.8/8.0	P295				P.O. 2808-67 1 2						
RRA-FC-4 2	HPCS PUMP ROOM FAN COIL R 441	67	130001		A	1 0		1				F N
RRA-FC-4* 1	HPCS PMP RM FAN COOLER ASSY R 444 M.5/4.1	P295				P.O. 2808-67 1 0						
RRA-FC-5 2	LPCS PUMP ROOM FAN COIL R 444 K.7/3.9	67	130001		B	1 0						F N
RRA-FC-5* 1	LPCS PMP RM FAN COOLER ASSY R 441 K.7/3.8	P295				P.O. 2808-67 1 0						
RRA-FC-6 2	RCIC PUMP ROOM FAN COIL R 444 H.6/8.0	67	130001		N	1 0						F N
RRA-FC-6* 1	RCIC PMP RM FAN COOLER ASSY R 441 H.6/7.7	P114				P.O. 2808-67 1 0						
RRA-FN-1 2	FAN FOR RRA-FC-1 R 443 4.7/4.3	67	145011		N	1 2						F N
RRA-FN-10 2	FAN FOR RRA-FC-10 R 522 M3/3.8	67	145012		N	1 0						N
RRA-FN-11 2	FAN FOR RRA-FC-11 R 522 M5/8	67	145012		N	1 0						N
RRA-FN-12 2	DC MCC ROOM RECIRC FAN R 471 M5/8	216	145013		R	1 0						
RRA-FN-13 2	FAN FOR RRA-FC-13 R 572 M3/6	216	145013		R	1 0						
RRA-FN-14 2	FAN FOR RRA-FC-14 R 572 M7/8	216	145013		R	1 0						
RRA-FN-15 2	FAN FOR RRA-FC-15 R 546 M5/4.5	216	145013		R	1 0						
RRA-FN-17 2	1330H CFM ANAL RM 1B RECIRC FAN R 548 M5/4.7	216	145013		R	1 0						
RRA-FN-19 2	FPC HEAT EXCH & PMP RM FLO	28				40PC/ADJUSTAX 1 3						

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QIC	QS	USE	TEST MFG MODEL NO.	AVL	F/O	C	FREQ	TM	HL
2 RRA-FN-2	FAN FOR RRA-FC-2 R 441 L.2/8.2	67	145011	N	1 2							
2 RRA-FN-20	FPC HEAT EXCH & PH P RM FLO R	P114 215			150 1 3							
2 RRA-FN-3	FAN FOR RRA-FC-3 R 441 L.0/8.0	67	145011	N	1 2						F	N
2 RRA-FN-4	FAN FOR RRA-FC-4 R 444 4.5/4.1	P114 67	145012	A	1 0		0 1				F	N
2 RRA-FN-5	FAN FOR RRA-FC-5 R 441 L.7/3.8	P295 67	145011	N	1 0						F	N
2 RRA-FN-6	FAN FOR RRA-FC-6 R 441 H.6/7.7	P114 67	145011	N	1 0						F	N
2 RRC-P-1A	RECIRCULATION PUMP C 508 135 D AZ R22	02835 B260	233020	B	2 0		0 1				P	N
2 RRC-P-1A+	RECIRCULATION PUMP C 508 135 D AZ R22				210079 2 0							
1 RRC-P-1B	RECIRCULATION PUMP C 508 315 AZ 22 R	02835 B260	233020	B	2 0		0 1				P	N
2 RRC-P-1B+	RECIRCULATION PUMP C 508 315 AZ 22 R				210160 2 0							
1 RRC-V-16A+	RRC PUMP SEAL PURGE INLE C				20							
1 RRC-V-16B+	RRC PUMP SEAL PURGE INLE C				20							
2 RRC-V-23A	24" MO GATE C 503 160 D AZ R16	02835 A585	361907	B	2 0		0 1			37	P	Y
1 RRC-V-23A+	24" MO GATE C 503 160 D AZ R16				040 210875V 2 0							
1 RRC-V-23B+	24" MO GATE C 502 340 D AZ R17				2 0							
2 RRC-V-60A	IURRC RETURN TO RPV C 506 115 D AZ R24	02835 I207	361401	B	2 0		0 1			99+	P	N
1 RRC-V-60A+	RRC RETURN TO RPV C 506 115 D AZ R24				V999E201 2 0							
2 RRC-V-60B	RRC RETURN TO RPV C 506 293 D AZ R24	02835 I207	361401	B	2 0		0 1			99+	P	N
1 RRC-V-60B+	RRC RETURN TO RPV C 506 293 D AZ R24				V999E201 2 0							
2 RRC-V-67A	24" MO GATE C 502 102 D AZ R20	02835 A585	361906	B	2 0	1 4	0 1			37		Y
1 RRC-V-67A+	24" MO GATE C 507 102 D AZ R20				21358-F 2 0							
2 RRC-V-67B	24" MO GATE RRC PUMP DISCHARGE C 507 275 D AZ R20	02835 A585	361906	B	2 0	1 4	0 1			37		Y
1 RRC-V-67B+	24" MO GATE C 507 275 D AZ R20				21358-F 2 0							
2 RRC-V-85A	RRC PUMP A SEAL STAGING C 501 L7/5.2	02835		N	2 0		0 0					Y

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT PSG	QID	QS	USE	TEST MFG MODEL NO.	AHL	F70	C	FREQ	TH	HL
RRC-V-85A+ 1	RRC PUMP A SEAL STAGING C 501 L775.2					2 0						
RRC-V-85B 2	RRC PUMP B SEAL STAGING C 501 K376.7	07835		M		2 0						
RRC-V-85H+ 1	RRC PUMP H SEAL STAGING C 501 K376.9					2 0						
RWCU-V-1 2	6" MO GATE INBOARD ISOL C 540 L76 150 AZ	41A V085	361742	T		1 3 814-070548-02WN 1 3	0 1			70		Y
RWCU-V-1+ 1	RWCU-V-1, INBOARD ISOL VALVE COMP. C 540 L76 150 AZ											
RWCU-V-100 2	4" MO GATE FROM RECIRC PUMP C 500 69 D AZ R18	41A V085	361741	T		2 3 DWG P2-3311-N2 2 0	0 1				P	Y
RWCU-V-100+ 1	C 500 690 AZ R18											
RWCU-V-101 2	4" MO GATE RWCU FROM RPV DRAIN C 514 22 D AZ R18	41A V085	361741	T		2 3 DWG P2-3311-N2 2 3	0 1				P	Y
RWCU-V-101+ 1	C 514 22 D AZ R18											
RWCU-V-102 2	6" MO GLOBE FROM RECIRC PUMP C 502 59 D AZ R20	41B X391	361004	M		2 3 DWG 2655-3 2 3	0 1			76	P	Y
RWCU-V-102+ 1	C 502 59 D AZ R20											
RWCU-V-106 2	4" MO GATE RWCU WATER FROM RECIRC C 501 30 D AZ R17	41A V085	361741	T		2 3 DWG P2-3311-N2 2 0	0 1				P	Y
RWCU-V-106+ 1	C 501 30 D AZ R17											
RWCU-V-4 2	6" GATE NO CONT ISOL VALVE R 535 H.775.3	41A V085	361742	B		1 0 2 1 DWG P2-3311-N-4 1 0	0 1			70		N
RWCU-V-4+ 1	R 538 H775											
RWCU-V-40 2	6" GATE NO RWCU RETURN TO RFW LINE R 515 K.779.3	41A V085	361742	C		1 0 2 1 DWG P2-3311-N-4 1 0	0 1			70		N
RWCU-V-40+ 1	R 516 J175											
SGT-AD-1A1 2	AIR DAMPER FOR SGT-FN-1A1 R 576	28				1 0						
SGT-AD-1A2 2	AIR DAMPER FOR SGT-FN-1A2 R 576	28				1 0						
SGT-AD-1B1 2	AIR DAMPER FOR SGT-FN-1B1 R 576	28				1 0						
SGT-AD-1B2 2	AIR DAMPER FOR SGT-FN-1B2 R 576	28				1 0						
SGT-AD-2A 2	MOTOR OPERATOR SGT-V-2A R 580 H.675.3	68		R		1 0 A-508						
SGT-AD-2B 2	MOTOR OPERATOR SGT-V-2B R 580 H-675.3	68	018011	R		1 0 A508						
SGT-DV-1A1+ 1	DELUGE VALVE ASSY FOR SGT-FL-1A R 579	18	100099			2 0						
SGT-DV-1A2+ 1	DELUGE VALVE ASSY FOR SGT-CF-1A-1	18	100099			2 0						

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR NRC-S&RT

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE TEST MFG MODEL NO.	ANL	F/O	C	FR TO	M	HL
SGT-V-3A1 2	18" MO BFLY SGT-FN-1A2 R 576 H6/7.7	68	361103	M	1 0	0 1					
SGT-V-3A1+ 1	18" MO BFLY SGT-FN-1A2 R 576 H6/7.7	B250			A-206761 1 0						
SGT-V-3A2 2	18" MO BFLY SGT-FN-1A1 R 576 J/7.7	68	361103	M	1 0	0 1					
SGT-V-3A2+ 1	18" MO BFLY SGT-FN-1A1 R 576 J/7.7	B250			A-206761 1 0						
SGT-V-3H1 2	18" MO 3FLY SGT-FN-1B2 INLET R 576 J3/6.8	68	361103	M	1 0	0 1					
SGT-V-3H1+ 1	18" MO BFLY SGT-FN-1B2 INLET R 576 J3/6.8	B250			A-206761 1 0						
SGT-V-3H2 2	18" MO 3FLY SGT-FN-1B1 INLET R 576 J3/7.4	68	361103	M	1 0	0 1					
SGT-V-3H2+ 1	18" MO BFLY SGT-FN-1B1 INLET R 576 J3/7.4	B350			A-206761 1 0						
SGT-V-4A1 2	18" MO 3FLY SGT-FN-1A1 OUTLET R 587 H6/7.1	68	361103	M	1 0	0 1					
SGT-V-4A1+ 1	18" MO 3FLY SGT-FN-1A1 INLET R 587 H6/7.1	B250			A-206761 1 0						
SGT-V-4A2 2	18" MO 3FLY SGT-FN-1A2 DISCH R 587 J/7	68	361103	M	1 0	0 1		99+			
SGT-V-4A2+ 1	18" MO BFLY SGT-FN-1A2 DISCH. R 587 J/7	B250			A-206761 1 0						
SGT-V-4B1 2	18" MO 3FLY SGT-FN-1B1 DISCH R 585 J2/5.1	68	361103	M	1 0	0 1		99+			
SGT-V-4B1+ 1	18" MO BFLY SGT-FN-1B1 DISCH. R 585 J2/5.1	B250			A-206761 1 0						
SGT-V-4B2 2	18" BFLY SGT-FN-1B2 DISCH R 585 J6/7.1	68	361103	M	1 0	0 1		99+			
SGT-V-4B2+ 1	18" MO BFLY SGT-FN-1B2 DISCH. R 585 J6/7.1	B250			A-206761 1 0						
SGT-V-5A1 2	18" BFLY SGT-FN-1A-1 OUTLET R 587 H6/7	68	361103	M	1 0	0 1		99+			
SGT-V-5A1+ 1	18" MO BFLY SGT-FN-1A-1 INLET R 587 H6/7	B250			DWG A206761 1 0						
SGT-V-5A2 2	18" MO BFLY SGT-FN-1A2 DISCH R 587 J/7.1	68	361103	M	1 0	0 1		99+			
SGT-V-5A2+ 1	18" MO BFLY SGT-FN-1A2 DISCH. R 587 J/7.1	B250			A206761 1 0						
SGT-V-5H1 2	18" MO BFLY SGT-FN-1B1 OUTLET R 587 J2/7	68	361103	M	1 0	0 1		99+			
SGT-V-5H1+ 1	18" MO 3FLY SGT-FN-1B1 OUTLET R 585 J2/7	B250			A206761 1 0						
SGT-V-5H2 2	18" BFLY SGT-FN-1B2 OUTLET R 585 J6/7	68	361103	M	1 0	0 1		99+			
SGT-V-5H2+ 1	18" 3FLY SGT-FN-1B2 OUTLET R 585 J6/7	B250			A206761 1 0						
SLC-1A	SLC PUMP	02C41	233016	M	1 0	0 1					Y

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR NRC-SQRT

DATE 09/25/81 PAGE 114

EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT NO.	UID	MS	USE	TEST MFG MODEL NO.	A4L	F70	C	FREQ	FM	HL
2	R 543 N.2/3.7	U055				2X3 TD-60						
SLC-P-1A+	COMPOSITE FOR SLC-P-1A	02C41				1 0						
1	R 543 N.2/3.7											
SLC-P-1B	SLC PUMP	02C41	233016	M		1 0			0 1			
2	R 549 M.2/3.7	U055				2X3TD-60						Y
SLC-P-1B+	COMPOSITE FOR SLC-P-1B	02C41				1 0						
1	R 549 M2/3.7											
SLC-TK-1+	COMPOSITE FOR SLC-TK-1					1 0						
1	R 548 M.6/3.7											
SLC-V-1A	4" MO GLOBE SLC TANK OUTLET	41B	361003	A		1 0			0 1			99+
2	R 550 M.6/3.7	A391				DWG 2662-3						
SLC-V-1A+	COMPOSITE FOR SLC-V-1A	41B				1 0						
1	R 550 M6/3.7											
SLC-V-1B	4" MO GLOBE SLC TANK OUTLET	41B	361003	C		1 0			0 1			99+
2	R 548 M7/3.7	A391				DWG 2662-3						
SLC-V-1B+	COMPOSITE FOR SLC-V-1B	41B				1 0						
1	R 548 M7/3.7											
SLC-V-4A	SLC INLET TOWARD PRIMARY	02C41				1 0						
2	R 548 M.2/3.7	C515				1832159						
SLC-V-4A+	COMPOSITE FOR SLC-V-4A	215	361003	B		1 0	2 1	0 1				35+
1	R 548 M2/3.7											
SLC-V-4B	SLC INLET TOWARD PRIMARY	02C41				1 0						
2	R 548 M.2/3.7	C515				1832159						
SLC-V-4B+	COMPOSITE FOR SLC-V-4B	215	361003	B		1 0	2 1	0 1				35+
1	R 548 M2/3.8											
SW-AJ-38A	AIR OPERATOR											P
2	B 430 B.5/2.1	F130										
SW-AJ-38B	AIR OPERATOR											P
2	B 430 B.5/2.1	F130										
SW-P-1A+		23				4 3						
1	A 441 B3/2.1											
SW-P-1B+						4 3						
1	B 441 B3/2.5											
SW-PCV-39A	12" GLOBE SYSTEM PRESS CONTROL	42A	236003	T		4 3		0 1				27
2	B 430 B.5/2.1	F130				53A0711						P
SW-PCV-39A+						4 3						N
1						53A0711						
SW-PCV-39B	12" GLOBE SYSTEM PRESS CONT ROL	42A	236003	T		4 3		0 1				27
2	B 430 B5/2.1	F130				53A0711						P
SW-PCV-39B+						4 3						N
1						53A0711						
SW-PI-3	PRESSURE INDICATOR	02				4 3		1 1	0 0			21
2												P
SW-RV-1A	RHR HEAT EXCHANGER RELIEF VALVE					2 3						
2	R 548 J3/9											
SW-RV-1B	RHR HEAT EXCHANGER RELIEF VALVE					2 3						
2	R 543 M3/9											
SW-TCV-11A	2.5" GLOBE COOLING WTR OUT OF WMA	42A	335004	T		4 3		0 1				11+
2	W 527 H.5/11.9	F130				NH-92-ED						N

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR NRC-SORT

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT NO.	QID	QS	USE	TEST MFG MODEL NO.	AVL	F70	C	FREQ	IN	HL
SW-TCV-11A+ 1	W 527 H.5/11.8					4 3						
SW-TCV-11B 2	2.5" GLOBE COOLING WTR OUT OF WMA W 527 L.6/10.4	42A F130	335004	T		4 3 NH-92-20 4 3	J 1			11+		N
SW-V-11B+ 1	W 527 L.6/10.4					4 3						
SW-V-11B 2	10" CHECK R 443 B3/2.3	41B A391	361045	R		4 3 D46 2626-3 4 3						
SW-V-12A+ 1	A 433 C.3/1.2					4 3						
SW-V-12B+ 1	B 435 C.2/1.3					4 3						
SW-V-165A 2	10" BFLY POND B RETURN B 440 SW PUMPHOUSE	63 A180	361904	R		4 3 DWG73912-1 4 3					P	
SW-V-165B 2	15" PFLY POND A RETURN A 440 SW PUMPHOUSE	68 A180	361904	R		4 3 DWG73912-1 4 3					P	
SW-V-169A 2	.75" GLJBE SYPHON VENT A POND A 435 IN SPYPND A	233 B350	361201	B		4 3 P 76590 4 3	0 1			99+		N
SW-V-169B 2	.75" GLJBE SYPHON VENT B POND B 435 IN SPYPND B	233 B350	361201	B		4 3 P 76590 4 3	0 1			99+		N
SW-V-169A 2	.75" GLJBE SYPHON VENT - A POND A 435 IN SPYPND A	233 B350	361201	B		4 3 P 76590 4 3	0 1			99+		N
SW-V-169B 2	.75" GLJBE SYPHON VENT - B POND B 435 IN SPYPND B	233 B350	361201	B		4 3 P 76590 4 3	0 1			99+		N
SW-V-170A 2	10" BFLY RING HDR - B POND ISOL B 440 R/6.6	69 A190		R		4 3						
SW-V-170B 2	10" BFLY RING HDR - A POND ISOL A 440 R/8.4	69 A180		R		4 3						
SW-V-187A 2	6" GATE (40) SW INTO FPX-HX-1A R	41A				2 3						
SW-V-187A+ 2	FPC-HX-7A INLET COMPOSITE R					1 0						
SW-V-187B+ 1	COMPOSITE TO SW-V-187B R					2 3						
SW-V-188A+ 1	FPC-HX-1A SW OUTLET COMPOSITE R					2 3						
SW-V-188B+ 1	FPC-HX-1B SW OUTLET COMPOSITE R					2 3						
SW-V-2A 1	20" STANDBY SVC WATER PUMP A 449 B3/2.6	215 B250	361107	M		4 3 A-216303 4 3	0 1			66		N
SW-V-2A+ 1	SW-P-1B DISCH. COMPOSITE A 449 B3/2.6					4 3						
SW-V-2B 1	20" MD BFLY SW-P-1B DISCH B 443 B/1.3	215 B250	361107	M		4 3 A-216303 4 3	0 1			66		N
SW-V-2B+ 1	COMPOSITE TO SW-P-13 B 443 B/1.3					4 3						
SW-V-201 2	0.5" SOLENOID SAMPLE TO SR-13 R 565 V/4.3	220 M095		R		1 0 MV22JMS-L2 2 0						
SW-V-202	.5" CHECK SAMPLE TO H2O2 ANALYZER	220		R		2 0						

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR NRC-SURT

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE	TEST MFG MODEL NO.	ANL	F70	C	FREQ	TM	HL
2 SW-V-203	R 565 N/4.3 .5" CHECK TSW TO H2 O2 ANALY	220										
2 SW-V-204	R 565 N/4.3 .5" SOLENOID TSW TO H2 O2 ANALY	220										
2 SW-V-206	R 565 N/5.0 .5" SOLENOID SAMPLE TO SR-14	220	M195			MV229MG-L2						
2 SW-V-207	R 565 N/5.0 .5" CHECK SAMPLE TO H2 O2 ANALYZER	220	M095			MV229MS-L2						
2 SW-V-208	R 565 N/5.0 .5" CHECK TSW SAMPLE TO H2 O2 ANAL	220										
2 SW-V-209	R 565 N/5.0 .5" SOLENOID SAMPLE TO H2 O2 ANALY	220	M095			MV229MS-L2						
2 SW-V-210	R 565 N/5.0 .5" SOLENOID H2 O2 ANALY TSW DISCH	220	M095			MV229MS-L2						
2 SW-V-211	R 565 N/4.3 .5" SOLENOID SR-14 DISCHARGE	220	M095			MV229MS-L2						
2 SW-V-212	R 565 N/4.3 .5" SOLENOID H2 O2 ANALY TSW DISCH	220	R350			DWG 58130						
2 SW-V-213	R 565 N/4.3 .5" SOLENOID SR-13 DISCHARGE	220	M095			MV229MG-L2						
1 SW-V-24A	R 446 L.7/8.3 2" GATE SW OUT OF R4R PUMP MTR 2A	215	B350			MV229MS-L2						
1 SW-V-24A+	R 446 L.7/8.3 COMPOSITE OF SW-V-24A					P 79020						
1 SW-V-24B	R 447 L.7/8.3 2" GATE SW OUT OF RHR PUMP MTR 2B	215	B350			P 79020						
1 SW-V-24B+	R 447 L.7/8.3 COMPOSITE OF SW-V-24B											
1 SW-V-24C	R 446 H.7/4.3 SSW OUT OF RHR PUMP MTR	215	B350			P 79020						
1 SW-V-24C+	R 446 H.7/4.3 COMPOSITE OF SW-V-24C											
1 SW-V-29	R 442 B/2.2 R440 RFLY HPCS-P-2 DISCH	215	B250	361108	Q		0 1			99+		N
1 SW-V-29+	R 442 B/2.2					7652						
2 SW-V-3H	D 448 R.3/8.3 SW INLET TO DG-ENG-1B	41A	V085	361725	M		0 1			99+		N
2 SW-V-34	R 460 N.3/8.3 SSW OUT OF RCIC PUMP RH	215				DWG P2-3511-N-27A						
1 SW-V-4A	D 443 R.8/6.0 DG-ENG-1A	41A	V085	361725	M	282232	0 1			99+		N
1 SW-V-4A+	D 443 R.8/6.0 SSW FROM DG-ENG-1C					DWG P2-3511-N-28						
1 SW-V-4B	D 441 R.4/5.6 R441 GATE SSW OUT OF 1B & COOL	41A	V085	361725	M		0 1			99+		N
1 SW-V-4B+	D SSW FROM DG-ENG-1B					DWG P2-3511-N-28						

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR NRC-SURT

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	UID	QS	USE	TEST MFG MODEL NO.	AVL	F70	C	FREQ	TM	HL
SW-V-4C 1	8" GATE SSW OUT OF 4PCS PSL ENG GEN D 441 R.4/75.6	41A V085	361725	M		4 0 DWG P2-3311-N28-Z 4 0						
SW-V-4C+ 1	COMPOSITE TO SW-V-4B D 441 R.4/75.6											
SW-V-44 1	SSW OUT OF LPCS PUMP MTR R 446 K.9/73.8	215 H350	361205	Q		1 0 DWG 79020						
SW-V-44+ 1	COMPOSITE OF SW-V-44+ R 446 K.9/73.9											
SW-V-54 1	2" GATE SSW OUT OF RRA-CC-4 R 450 M.8/73.9	215 H350	361205	Q		1 0 DWG 79020						
SW-V-54+ 1	COMPOSITE OF SW-V-54+ R 450 M.8/73.9											
SW-V-69A+ 1	18" GATE SSW RETURN TO COOL. TOWERS A 433 C.4/71.3			R		4 3						
SW-V-69B 2	18" GATE MJ RETURN TO COOL TOWERS H 435 C.5/72.0	41A V085	361730	A		4 3 DWG. P2-3313-N-43A 0 1				35		W
SW-V-70A 2	18" MO GATE RETURN TO COOL TOWERS A 433 C.4/71.6	41A V085	361730	A		4 3 DWG. P2-3313-N-43A 0 1				35		N
SW-V-70B 2	18" MO GATE RETURN TO TOWERS H 435 C.5/72.4	41A V085	361730	A		4 3 DWG. P2-3313-N-43A 0 1				35		N
SW-V-70B+ 1	H 435 C.5/72.4					4 3						
SW-V-75A 2	SW TIELINE TO FUEL POOL R 530 H.7/79.4	215 H350	361205	Q		1 0 P 76630-2 0 1				99+		W
SW-V-75A+ 1	SW TIELINE TO FUEL POOL R 530 H.7/79.4					1 0						
SW-V-75B 2	SW MAKE-UP TO FUEL POOL R 530 H.7/79.4	215 H350	361205	Q		1 0 P 76630-2 0 1				99+		N
SW-V-90 2	COOLING WATER INTO DMA-C C-51 D 448 R.3/79.8	215 H350	361205	Q		4 0 DWG 79020 4 0						
SW-V-90+ 1	COOLING WATER INTO DMA-C C-51 W 448 R.3/79.8					4 0						
TIP-V-1 2	TIP ISOL SHEAR VLV R 501 J.4/4.5	02C51 G080	361995	B D		3 0 P P13681302G002 1 4 0 0				99+		Y
TIP-V-2 2	TIP ISOL SHEAR VLV R 501 J/4.5	02C51 G080	361995	B D		3 0 P P13681302G002 1 4 0 0				99+		Y
TIP-V-3 2	TIP ISOL SHEAR VLV R 501 J/4.5	02C51 G080	361995	B D		3 0 P P13681302G002 1 4 0 0				99+		Y
TIP-V-4 2	TIP-ISOL SHEAR VLV R 501 J/4.5	02C51 G080	361995	B D		3 0 P P13681302G002 1 4 0 0				99+		Y
TIP-V-5 2	TIP ISOL SHEAR VLV R 501 J/4.5	02C51 G080	361995	B D		3 0 P P13681302G002 1 4 0 0				99+		Y
WEA-AD-51 2	CONTROL RM EXH DAMPER W 525 K.5/1.5	216 P014		R		4 3 #						
WEA-AD-51+ 1	CONTROL RM EXHAUST DAMPER W 525 K.5/1.5					4 3						
WEA-AD-52 2	CABLE CHASE EXH FAN DAMPER W 525 J4/14.7			R		4 3 #						
WEA-AD-52+ 2	CABLE CHASE EXHAUST DAMPER	P014				4 3 #						

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR WRC-SQRT

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT NO.	QID	QS	USE MFG MODEL NO.	TEST MFG MODEL NO.	ANL	F70	C	FREQ	TM	HL
1	W 525 J4/14.7											
WEA-FN-51	CONTROL RM EXH FAN	28	145014	R	4 3							
2	W 525 K7/14.9											
WEA-FN-51+	CONTROL RM EXHAUST FAN	B250			745-9794							
1	W 25 K7/14.9				4 3							
WEA-FN-52	CABLE CHASE EXH FAN	28	145014	A	4 3							
2	W 525 J4/14.7									66		N
WEA-FN-52+	CABLE CHASE EXHAUST FAN	B515			745-9794							
1	W 525 J4/14.7				4 3							
WEA-FN-53A	HATT RM 1 EXH FAN	28	145014	A	4 3							
2	W 525 J4/14.9									46		N
WEA-FN-53A+	HATT RM 1 EXHAUST FAN	B515			745-9795							
1	W 525 J4/14.9				4 3							
WEA-FN-53B	HATT RM 2 EXH FAN	28	145014	A	4 3							
2	W 525 K5/14.5									66		N
WEA-FN-53B+	HATT RM 2 EXHAUST FAN	B515			745-9796							
1	W 525 K5/14.5				4 3							
WMA-AD-51A1	WMA-AH-51A SUC DAMPER	216	011001	R	4 3							
2	W 535 H4/12.4											
WMA-AD-51A1+	WMA-AH-51A SUCTION DAMPER	P014			630-N-31408							
1	W				4 3							
WMA-AD-51B1	WMA-AH-51B SUC DAMPER	216		R	4 3							
2	W 535 L4/11											
WMA-AD-51B1+	WMA-AH-51B SUCTION DAMPER	P014			4 3							
1	W				4 3							
WMA-AD-52/1	WMA-FN-52B SUCTION DAMPER	216	011001	R	4 3							
2	W 535 L5/11.8											
WMA-AD-52/1+	WMA-FN-52B SUCTION DAMPER	P014			630-N-31408							
1	W				4 3							
WMA-AD-52/2	WMA-FN-52B SUCTION DAMPER	216	011001	R	4 3							
2	W 535 L5/11.8											
WMA-AD-52/2+	WMA-FN-52B SUCTION DAMPER	P014			630-N-31408							
1	W				4 3							
WMA-AD-54A1	WMA-FU-54A SUC DAMPER	216	011001	R	4 3							
2	W 535 H7/12.5											
WMA-AD-54A1+	WMA-FU-54A SUCTION DAMPER	P014			630-N-31408							
1	W				4 3							
WMA-AD-54A2	WMA-FU-54A SUC DAMPER	216	011001	R	4 3							
2	W 535 H5/12.4											
WMA-AD-54A2+	WMA-FU-54A SUCTION DAMPER	P014			630-N-31408							
1	W				4 3							
WMA-AD-54B1	WMA-FU-54B SUC DAMPER	216	011001	R	4 3							
2	W 535 L5/11.1											
WMA-AD-54B1+	WMA-FU-54B SUCTION DAMPER	P014			630-N-31408							
1	W				4 3							
WMA-AD-54B2	WMA-FU-54B SUC DAMPER	216	011001	R	4 3							
2	W 535 L5/11											
WMA-AD-54B2+	WMA-FU-54B SUCTION DAMPER	P014			630-N-31408							
1	W				4 3							

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
SAFETY RELATED EQUIPMENT LIST FOR NAC-SGRT

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EQUIPMENT NO. LV	DESCRIPTION PLANT LOCATION	CONTRACT MFG	QID	QS	USE	TEST MFG MODEL NO.	ANL	F/O	C	FREQ	TM	HL
WMA-AH-51A 2	CONTROL RM AIR HANDLING UNIT W 525 J4/12	67	012005	N	4 3							
WMA-AH-51A+ 1	CONTROL ROOM AIR HANDLING UNIT W	P295				40-5-5040 4 3						
WMA-AH-51B 2	CONTROL RM AIR HANDLING UNIT W 525 K4/10.5	67		N	4 3							
WMA-AH-51B+ 1	CONTROL ROOM AIR HANDLING UNIT W	P295				4 3						
WMA-AH-52A 2	CABLE RM AIR HANDLING UNIT W 525 K2/12.5	67	012005	A	4 3	2 1 0 1				11+		
WMA-AH-52A+ 1	CABLE RM AIR HANDLING UNIT W 525 K2/12.5	P295				40-5040 4 3						
WMA-AH-52B 2	CABLE RM AIR HANDLING UNIT W 525 K2/12.5	67	012005	A	4 3	2 1 0 1				11+		
WMA-AH-52B+ 1	CABLE RM AIR HANDLING UNIT W 525 K2/12.5	P295				40-5040 4 3						
WMA-AH-53A 2	CRIT. SWGR RM1 AIR HANDLING UNIT W 525 J2/10.5	67	012005	N	4 3							
WMA-AH-53A+ 1	CRIT. SWGR RM1 AIR HANDLING UNIT W 525 J2/10.5	P295				40-5040 4 3						
WMA-AH-53B 2	CRIT. SWGR RM 2 AIRHANDLING UNIT W 525 K2/12.5	67	012005	N	4 3							
WMA-AH-53B+ 1	CRIT. SWGR RM 2 AIR HANDLING UNIT W 525 K2/12.5	P295				40-MS-5040 4 3						
WMA-FN-51A 2	SUPPLY FAN FOR WMA-AH-51A W 525 J4/12	67	145006	N	4 3							
WMA-FN-51A+ 1	SUPPLY FAN FOR WMA-AH-51A W 525 J4/12	P295				P270 4 3						
WMA-FN-51B 2	SUPPLY FAN FOR WMA-AH-51B W 525 K4/10.5	67	145006	N	4 3							
WMA-FN-51B+ 1	SUPPLY FAN FOR WMA-AH-51A W 525 K4/10.5	P295				P270 4 3						
WMA-FN-52A 2	SUPPLY FAN FOR WMA-AH-52A W 525 J5/11.4	67	145016	A	4 3	2 1 0 1				11+		
WMA-FN-52B 2	SUPPLY FAN FOR WMA-AH-52B W 525 K5/11.4	67	145016	A	4 3	1 0 1				11+		
WMA-FN-53A 2	SUPPLY FAN FOR WMA-AH-53A W 525 J6/10.5	67	145007	N	4 3	182-2						
WMA-FN-53B 2	SUPPLY FAN FOR WMA-AH-53B W 525 K6/12	67	145007	N	4 3	P300						
WMA-FN-54A 2	FAN FOR WMA-FU-54A W 535 H4/12	18	145017	R	4 3	P300						
WMA-FN-54B 2	FAN FOR WMA-FU-54A W 535 L8/10.5	18	145018	R	4 3	ES11108R8844						
WMA-FU-54A+ 1	CONTROL ROOM FILTER UNIT W 525					R-8844 4 3						
WMA-FU-54B+ 1	CONTROL ROOM FILTER UNIT W 525					N-190-01 4 3						
WMA-PCV-54A	DELUGE DELUGE VALVE ASSEMBLY WMA-D	18	236006	R	4 3	N-190-01 4 3						

