

WNP-2 DYNAMIC QUALIFICATION REPORT
FOR SAFETY-RELATED EQUIPMENT

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ENGINEERING REPORT

WNP-2 Dynamic Qualification Report
for Safety-Related Equipment

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Appendix B - Safety Related Mechanical Equipment

1.0 INTRODUCTION

1.1 Background

The original seismic qualification requirements for safety-related electrical and mechanical equipment were described in the PSAR. These requirements specified general methodology to be implemented to demonstrate seismic capability of the equipment. This general methodology embodied the principles of seismic design and demonstration contained in Trial use standard IEEE-344, 1971, "IEEE Guide for Seismic Qualification of Class 1 Electric Equipment for Nuclear Power Generating Stations, for Trial Use and Comment", and applicable ASME Boiler and Pressure Vessel code criteria at the time. Equipment Procurement specifications were written implementing this general methodology.

IEEE Standard 344 was revised and issued in 1975. This revision expanded the guidance on seismic qualification and presented additional acceptable methods with the intent of permitting the user to make a judicious selection from among the various options. Regulatory Guide 1.100, "Seismic Qualification of Electric Equipment for Nuclear Power Plants", was issued by the NRC in August 1977. This guide stated that the NRC would implement the criteria of IEEE-344, 1975, as modified by the guide for all construction permit applications. The construction permit for WNP-2 was issued 4-1/2 years prior to issuance of Regulatory Guide 1.100, and most equipment had been manufactured and delivered to the site in accordance with the PSAR seismic qualification criteria. A review of the seismic qualification criteria, per PSAR commitments, was made to determine the impact and need for a general upgrade of all safety-related equipment qualification. Based on this review, it was determined that with the exception of equipment affected by hydrodynamic loads the original criteria were sufficient to demonstrate dynamic qualification.

The Supply System filed the FSAR for WNP-2 in February of 1977 which contained seismic qualification and results of tests and analysis programs. In March of 1979 the NRC responded with questions in this area and notification that a Seismic Qualification Review Team (SQRT) would perform a detailed audit and site visit to review the design adequacy of safety-related electrical and mechanical equipment under seismic and hydrodynamic vibratory loadings.

In January 1980, the Supply System started a reevaluation program to assess the areas of concern raised by the NRC staff. In March 1981 the NRC notified the Supply System by letter that the criteria the NRC would use to determine the acceptability of our equipment qualification programs for seismic and dynamic loads were IEEE-344, 1975, as supplemented by Regulatory Guide 1.92, 1.100, and Standard Review Plan Sections 3.9.2 and 3.10. This letter also required justification for use of other criteria, a list of all safety-related electrical and mechanical equipment, the Qualification method, the use of the equipment for hot or cold shutdown, equipment location, availability for inspection, fatigue considerations, and seismic/hydrodynamic loadings used for the equipment.

The reevaluation program was revised to meet the intent of this letter and the program restarted. In October 1981 an interim report of our reevaluation program was filed with the staff as a precursor to the SQRT audit. After review of our submittal, the NRC informed the Supply System that the audit would not be performed until 85% of the equipment met the NRC's acceptance criteria and was also installed and available for inspection.

The requalification program was started and additional analysis and tests were performed to meet the 85% criteria.

In August 1982 another letter was transmitted by the NRC requiring additional information on pump and valve operability. This letter.

informed the Supply System that a Pump and Valve Operability Review Team (PVORT) would conduct an on-site audit of selected pieces of equipment and required an advanced submittal of equipment lists and PVORT forms. The PVORT list format and content and the PVORT forms differed significantly from the SQRT list format and content and the SQRT forms.

The Supply System has undertaken an aggressive equipment qualification program to assure all safety-related equipment is properly designed and qualified to demonstrate its adequacy under seismic and, where applicable, hydrodynamic loadings. This program included development of WNP-2 specific hydrodynamic loads, qualification document retrieval, reevaluation of past tests and analysis, justification of methods used, and retesting or supplemental analysis where necessary. This report describes the methodology used and summarizes the current status of the equipment qualification program.

This report meets the intent of the information requested by the NRC in order for the NRC to proceed with the on-site audits.

1.2 Program Description

This report provides the WNP-2 Qualification Program for safety related equipment. The following program elements are addressed.

- o Criteria Development - Hydrodynamic Loads (Section 3.0)
 - Piping interim load criteria (section 5.4)
 - Acceptance criteria for equipment reevaluation (Section 5.0)

- o Qualification Basis
 - Class 1E List (Appendix A)
 - SRM List (Appendix B)
 - Identification of equipment manufacturer, model, safety function, equipment use during accident or hot/cold shutdown, location, qualification method, status, and natural frequency (SRM/C1E lists).

The means for performing the equipment reevaluation is established by the following:

- o Documentation retrieval
- o Central file establishment (QID file numbers)
- o Performing equipment report review (Supply System, consultant support)
- o Defining missing documentation and corrective action required.

Corrective action is established by the following:

- o Management review and concurrence
- o Project review of construction impact
- o Re-qualification of equipment at testing laboratories
- o Analysis of equipment through consultant support
- o Section 5.3 of this report contains some examples.

2.0 SUMMARY

2.1 Class 1E Summary

This section summarizes the evaluation of seismic (and hydrodynamic, where applicable) qualification of Class 1E equipment in WNP-2, performed in accordance with Reference J. It provides a summary of the seismic/hydrodynamic Qualification Program that is being undertaken by the Supply System. The program will ensure that all Class 1E equipment will perform its safety-related function during vibration conditions postulated to occur during seismic and hydrodynamic events.

The present status of the evaluation is as follows:

- o Seismic floor response spectra have been generated for all floor (wall) mounted C1E equipment. Interim requirements for all pipe mounted equipment subject to seismic and hydrodynamic loads have been determined. Affected pipe mounted equipment is being evaluated to these interim criteria and will be reevaluated to the final piping loads when received. Any equipment not meeting the final piping loads will be requalified.
- o Class 1E equipment has been identified by the tag number along with its required safety function and use. The installed location and manufacturer's data for most of this equipment have been determined.
- o The qualification status of identified Class 1E equipment has been determined. The status of some equipment not installed will be determined as additional data is received.
- o Corrective actions are being taken to resolve qualification documentation deficiencies.

2.2 Safety-Related Mechanical Equipment Summary

The Supply System has undertaken an aggressive and responsive equipment qualification campaign to assure that identified safety-related mechanical equipment can perform as required when subjected to postulated dynamic events. This section summarizes the qualification methodology employed to develop documentation supporting compliance to applicable licensing requirements.

- o Safety-Related Mechanical (SRM) equipment has been identified by EPN tag number and compiled into a computerized data base program.
- o Identical equipment items have been grouped together into QID files and qualified to the most severely enveloped dynamic load conditions. This approach has provided generically qualified items for less severe applications within the plant.
- o Existing documentation, as provided by the original manufacturers, has been evaluated to determine qualification status to currently designed load criteria. Identified qualification deficiencies are reported in the SRM data base and corrective action plans prepared for implementation.
- o Implemented qualification activities are documented in the QID file system. Most equipment items have been qualified by conduct of analysis to supplement submitted information provided by the manufacturer.

2.3 Status

The qualification status has been determined for 13,495 C1E and SRM components.

The status of the equipment evaluations is as follows:

- o 12,589 (88%) components are qualified to the WNP-2 dynamic service conditions.
- o 105 components are being replaced by qualified components.
- o 195 components are being type tested.
- o 246 components are being qualified by engineering evaluations.
- o 235 components require additional data to determine the qualification status.
- o 78 components are qualified to seismic requirements but are also subject to hydrodynamic loads. Actions are being taken to requalify these items including participation in the Niagara Mohawk/Stone and Webster Motor Operator Test Group; and investigating the applicability of the LaSalle/Zimmer/Sargent and Lundy test program.
- o 540 components for which review has not been completed.
- o 36 components which are not yet qualified and the method to requalify them has not been determined.

3.0 LOADING CONDITIONS

The seismic response spectra for which the safety related mechanical equipment was originally qualified are described in Section 3.7 of the WNP-2 FSAR (Reference A). For all equipment which receives no significant loading from hydrodynamic events, this is sufficient dynamic data for the equipment requalification program.

- In addition to the dynamic loading all operational loads, e.g., dead weight, operational forces, nozzle loads, etc., were considered for all equipment.

The equipment subject to hydrodynamic loads are as follows:

- o All equipment located within containment
 - o Equipment located on piping which penetrates containment and which is located between the containment wall and the first piping anchor (six way restraint).
- The hydrodynamic loads are described in the following Burns and Roe Technical Memoranda:
1. TM 1181 (Ref. B) SRV Loads, Drywell.
 2. TM 1254 (Ref. C) SRV Loads, Wetwell.
 3. TM 1237 (Ref. D) Chugging Loads.
 4. TM 1223 (Ref. E) Annulus Pressurization Loads

The seismic conditions which were considered with the hydrodynamic loads were those described in Burns and Roe TM 1256 (Ref. F). The FSAR is being revised accordingly.

For equipment which was requalified to hydrodynamic loads by analysis, the damping values suggested in Regulatory Guide 1.61 (Ref. G) were used as a minimum unless a higher damping value was justified.

These loads were combined in Burns and Roe letter BRWP-81-248 (Ref. H). Floor mounted equipment located in containment were qualified to the floor response spectra contained in TM-1256 (Ref. F).

Pipe mounted equipment is to be qualified to perform its safety function when subjected to the accelerations and loads which result from the final piping analysis, when completed. Until that analysis has been completed the equipment has been qualified to perform its safety function for interim loads. The required input motion is the peak of the applicable floor response spectra for all frequencies above eight hertz. For the interim requirements, the valves are being qualified to five G's in both directions normal to the valve stem and three G's parallel to the valve stem.

The interim loads to which valves are qualified have been recorded and are being compared to the results of the piping analysis. This comparison began in July 1982. A few valves were found that did not satisfy the qualification requirements established by the piping analysis. In these cases, the component is shown as not qualified.

For fatigue qualification 13,500 cycles of SRV (Ref. K and P) and 2,000 equivalent cycles of chugging, along with five OBE's and one SSE were considered, as applicable to specific design requirements.

4.0 QUALIFICATION METHODS

Requalification to present load conditions can be achieved by one of the following techniques.

1. Existing documentation fully satisfies existing new loads and criteria. Requalification consists of the preparation of appropriate comparative and certification documents.
2. New dynamic loads or criteria impact the previous qualified status of a component. Requalification can be completed by providing additional analysis for that component.
3. Previous qualification method is not applicable to load criteria now prescribed. For example, a static analysis may have been performed where a dynamic analysis would now be appropriate. The requalification plan would prescribe proper analysis, test, or combination.
4. No potential qualifying documentation exists. These cases often exist because of equipment relocations or modified safety class determinations. Often, qualifiable documentation can be purchased from the manufacturer. If not, the requalification plan would prescribe proper analysis, test, or combination.

Qualification procedures vary considerably with the equipment nature and load criteria. Methods do, however, generally consist of static techniques, dynamic analysis, or test procedures. The following narratives describe these methods.

4.1 Static Analysis

Rigid equipment items are analyzed by static methods which determine forces and moments resulting from center of gravity loading of a lumped mass acted upon by the resultant acceleration from multi-directional earthquake motions. Conventional analysis determine

stresses and/or deflections at all critical sectional areas, mounting attachment points, and anchor bolts. All stress level findings are additive to operational loads. Structural integrity is established by comparison of stress levels with prescribed codes or manufacturers acceptance criteria. Selection of acceleration coefficients is based upon response spectra at the equipment item mounting location.

Static analysis methods are particularly suited to equipment for which structural integrity is the primary criterion for qualification. Application of static analysis requires adequate demonstration that the equipment can be realistically represented by the simple model and the method will produce conservative findings.

4.2 Dynamic Analysis

Dynamic analysis methods employ a mathematical model accurately representing the structural mass and stiffness distribution with sufficient degrees of freedom to determine dynamic response to cyclic loadings. These methods are employed when equipment cannot be characterized as relatively simple or when interactive effects must be included in the demonstration of adequacy. Dynamic analysis may also be used to qualify equipment for which static analysis methods are too conservative.

Detailed dynamic analysis are accomplished with the use of sophisticated computer programs, such as STRUDL, ANSYS, and STARDYNE. The programs require prediction of a mathematical model that describes the mass and stiffness properties of the equipment. This involves preparation of model geometry, material constants, section properties, boundary conditions and applied loads for input into the selected computer program. Standard Review Plan 3.9.2 modeling guidance is applied. As with static analysis, the results are combined with all other loads acting upon or within the equipment item.

4.3 Testing Methods

Testing is conducted when complex or active equipment cannot be efficiently modeled to correctly predict response. Methods are differentiated into laboratory tests conducted to simulated service conditions and in-situ tests conducted in the installed configuration.

Dynamic laboratory tests are performed to a test response spectrum (TRS) which envelopes and closely resembles required response spectra (RRS) over the critical frequency range. Equipment is tested in simulated in-service load conditions whenever practical, and are appropriately justified when not applied. Operability is verified during and/or after the testing as applicable to the equipment being evaluated.

Single frequency input motion, such as sine beats, is utilized when (1) the characteristics of the seismic input motion indicate that the motion is dominated by one frequency, (2) the anticipated response of the equipment is adequately represented by one mode, or (3) the test input motion has sufficient intensity and duration to excite all modes to the required amplitudes, such that the testing response spectra will envelop the corresponding response spectra of the individual modes.

Several in-situ test approaches are planned to complete qualification of the SRM equipment items. These may be grouped into tests which verify accuracy of the analytical model, verify rigidity, justify reducing stress analysis conservatism, and demonstrate operability under simulated load conditions. This latter test, more appropriately called an in-situ static load test, will simulate seismic deflections by means of an appropriately directed static force application. Operability is exhibited before, during, and after application of the deflecting load.

5.0 ACCEPTANCE CRITERIA

The safety related equipment in WNP-2 has been reevaluated using IEEE 344-1975 (Ref. N) as supplemented by Regulatory Guides 1.92 (Ref. T) and 1.100 (Ref. U) and sections 3.9.2 and 3.10 of the Standard Review Plan (Ref. O). There are three (3) exceptions to the use of these criteria.

The first exception is the use of interim loads as described in Section 3.0 above (Ref. S paragraph 3.10(3)).

The second, single frequency testing, is described in section 5.2.2 below (Ref. S paragraph 3.10 (2)). The third exception to these criteria is described in section 5.3 below.

5.1 Analysis

Where the function of a component can be demonstrated by analysis alone, analysis was often chosen as the cost effective method for qualifying mechanical equipment and electric motors.

Where structural failure is the only known safety related failure mode, the allowables and rules of Section III of the ASME Boiler and Pressure Vessel Code (Ref. L) were used for pressure retaining materials. For non-pressure boundary materials either the rules and allowables of the AISC Code (Ref. M) were used or the ASME Code allowables were extended to non-pressure retaining parts. For components which must produce mechanical motion after the faulted condition the allowables were limited to emergency values for faulted loads.

For some components, operability can be established by assuring that parts which have relative motion do not come into contact with each other. The manufacturer's drawings were obtained for those components and the minimum clearances were determined. In order to qualify these components, a deflection analysis was performed at peak load which showed that the parts did not come into contact.

A fatigue re-evaluation is being performed for all components for which hydrodynamic loads are significant. In order to be qualified by analysis the stress levels and number of cycles at that stress are calculated. Then using the methods of the ASME Code (Ref. L) Section NB-3222.4, a cumulative damage fraction is calculated. That damage fraction cannot equal nor exceed 1.0 for the component to be considered qualified.

The fabrication drawings that depict the valve yoke welds are not available from one valve manufacturer. In this case, using a stress intensification factor of 3.0, these valves have been analyzed and shown to survive thirty cycles of the sums of SSE, SRV and chugging loads. These valves are listed as qualified on an interim basis until an audit of the vendor's fabrication drawing and weld procedures is completed.

5.2 Testing

5.2.1 Multiple Frequency - Multiple Axis Testing. Multiple frequency multiple axis testing was used to qualify most of the Class 1E electrical equipment and some of the safety-related mechanical equipment. This testing was performed according to IEEE 344-1975 (Ref. N). The equipment was operated before, during, or after the test as required by the system safety function. No functional or structural failure was allowed.

Spurious operation of relays was limited to two (2.0) milliseconds, maximum, per IEEE Standard 501-1978 (Ref. R) unless it has been demonstrated that the spurious action found would not affect the safety function of the component.

For equipment subjected to hydrodynamic loads the number of cycles of testing is shown to do more fatigue damage than the cycles shown in Section 3.0.

5.2.2 Single Frequency - Single Axis Testing. Some equipment was previously qualified to IEEE 344-1971 using single frequency testing. The Supply System's acceptance criteria was described in our September 1981 (Ref. W) and February 1982 (Ref. X) submittals. The SER (Ref. S) in Section 3.10(2) required that justification be supplied for these criteria where the component could respond to multiple modes.

These criteria have seldom been used to qualify WNP-2 equipment. Justification for those particular cases will be available during the SQRT review.

5.3 Combination of Testing and Analysis

Tests in conjunction with analysis are being used to show dynamic qualification of safety-related equipment on WNP-2. A few examples are cited.

5.3.1 Rack Mounted Equipment. The transmissibility of the control room and local panels were found by testing some of the panels and extrapolating the results of tests of similar panels used at other plants. The ZPA of the applicable response spectrum was then multiplied by this transmissibility to find the required acceleration for the components. Test results of the components were then compared to this acceleration for all frequencies to establish qualification acceptance criteria.

5.3.2 Air Handling Units. All the safety-related air handling units purchased under Contract 67 were analyzed using finite element methods. Each was qualified because all stresses calculated were within the allowables. WMA-AH-52B was placed on a shaker table and bi-axially excited to the required floor response spectra and successfully completed a test in

compliance with IEEE 344-1975. The unit was operated throughout the test. The response was within 10% of that predicted by the analysis.

Later in-situ impedance tests were completed on each of the other types of air handlers. Again, their responses were consistent with those found in the analysis.

5.3.3 Medium Voltage Switchgear. The medium voltage switchgear was qualified by test with power supplied through flexible conduit. They were then installed at WNP-2 using rigid conduit. In-situ impedance testing was performed to demonstrate that the response of the switchgear had not changed in a detrimental manner.

5.3.4 Valve Operability Testing. All the safety-related valves have been qualified by analysis. Typical valves were then selected and tested using multi-frequency testing per IEEE 344-1975 criteria and operated during and after the test. Where the valves operability cannot be demonstrated by the analysis approach in 7.3, the operability will be demonstrated by conducting "load-stroke" tests in-situ of a representative sample valve.

5.4 Pipe Mounted Equipment

Where piping analyses have not been finalized, the Supply System has employed interim criteria. This criteria is considered conservative for the applicable equipment locations to perform initial seismic and hydrodynamic requalification analyses.

The interim criteria used the peak acceleration level above 8 hertz for the applicable floor response spectra. A damping factor of 0.5% was associated with the floor response spectra. The piping systems

are being designed, in turn, not to respond to frequencies less than 8 hertz. A verification program, described in section 3.0 of this report, is proceeding.

Whenever final piping design analysis loads are available and the actual valve orientation has been confirmed by site walkdown, the required E-W, N-S, and vertical dynamic acceleration is applied to compute stress levels of the component. Those cases where orientation has not been confirmed were analyzed to a worst case application of a vector sum of the required dynamic accelerations. Consideration of gravity and other service stresses resultant from internal pressure, thrust or torque from operator function is included.

5.5 Components Qualified by Code Calculations Only

Compact valves (including some check valves and pressure relief valves) along with passive equipment are by design stronger than the piping system in which they are installed. This equipment is qualified by conformance to design codes only. (Ref. L, Section NB 3524 for example.) These components are shown with a Q in the seismic status column in Appendix B.

6.0 DEFINITIONS

Active Component - A component which must function by performing a mechanical motion in order to shut down the plant or mitigate the consequences of a postulated event.

Annulus Pressurization - AP - Dynamic loads induced on NSSS equipment and piping by time dependent pressure differentials within the annular sub-compartment between the reactor vessel and biological shield wall as a consequence of a postulated pipe rupture at the reactor vessel nozzle pipe connection.

C1E - Class 1E safety classification of the electrical equipment and systems that are essential to emergency reactor shutdown, containment isolation, reactor core cooling, reactor heat removal, or otherwise are essential in preventing significant release of radioactive material to the environment.

Design Life - The time during which satisfactory performance can be expected for a specific set of service conditions.

EPN - (Equipment Piece Number) The unique identifying tag number for an equipment piece. It is composed of a system designator, component code, and unique numerical identifier.

LOCA - Loss-of-coolant accident condition.

OBE - Operating basis earthquake is that earthquake which produces the vibratory ground motion for which those features of the nuclear power plant, necessary for continued operation without undue risk to the health and safety of the public, are designed to remain functional.

Operability - Ability of an active component, including its support, to perform the mechanical motion required to fulfill its designated function when subjected to its design and service loads.

Passive Component - A component which must only maintain structural integrity, including pressure boundary, during and after a safety-related event. Mechanical motion is not required to perform its safety function.

QID - Refers to the Qualification Information and Documentation filing system which contains all documentation utilized to support qualification of the EPN item.

RRS - Required Response Spectrum - The response spectrum issued by the owner or his designee as part of his specifications for proof testing or analysis to demonstrate that equipment will function following the postulated earthquake anticipated during the life of the nuclear plant.

SRM - (Safety Related Mechanical) Safety classification of the mechanical equipment and systems that are essential to emergency reactor shutdown, containment isolation, reactor core cooling, reactor heat removal, or otherwise are essential in preventing significant release of radioactive material to the environment.

SRSS - The resultant vector computed from the "Square Root of the Sum of the Squares" of orthogonal forces or accelerations acting upon a point.

SRV - Safety Relief Valve air clearing loads induced by safety relief valve actuations which produce a rapid compression of the air mass in the interior of the safety relief valve discharge pipes.

SSE - Safe Shutdown Earthquake - The earthquake which produces the maximum vibratory ground motion for which certain structures, systems, and components are designed to remain functional.

TRS - Test Response Spectra - The actual response of the test table motion, constructed using analysis or derived using spectrum analysis equipment.

ZPA - Zero Period Acceleration - The acceleration that appears as a constant portion of a response spectrum in the highest frequency range. It is the maximum acceleration in the time history from which that response spectrum was developed.

7.0 PUMP AND VALVE OPERABILITY

The active safety-related pumps and valves are identified in Appendix B. Operability classification for each EPN item has been identified by an Equipment Classification, "EC", code tabulated in the data base. Equipment items with EC = A are active while EC = P refers to passive components.

The active pumps and valves for which operability has been demonstrated are coded with an "0" under the compliance column in Appendix B. Where that demonstration is planned but not yet completed, a "9" is used in the compliance column.

Active mechanical equipment classified as Seismic Category I are designed to perform their function during the life of the plant under postulated plant conditions. Equipment with faulted condition functional requirements include "active"* pumps and valves in fluid systems such as the Residual Heat Removal System and the Core Spray System.

Operability is assured by satisfying the requirements of the following programs.

7.1 ECCS Pumps and Motors

All active ECCS pumps are qualified for operability by first being subjected to rigid tests before and after installation in the plant. The in-shop tests include (1) hydrostatic tests of pressure-retaining parts to 125% of the design pressure times the ratio of material allowable stress at room temperature to the allowable stress value at the design temperature, (2) seal

*Active equipment must perform a mechanical motion during the course of accomplishing a safety function.

leakage tests, (3) performance tests, while the pump is operated with flow, to determine total developed head, minimum and maximum head, Net Positive Suction Head (NPSH) requirements and other pump/motor parameters. Also monitored during these operating tests are bearing temperatures (except water cooled bearings) and vibration levels. Both are shown to be below specified limits. After the pump is installed in the plant, it undergoes the cold hydro tests, functional tests, and the required periodic in-service inspection and operation. These tests demonstrate reliability of the pump for the design life of the plant.

In addition to these tests, the safety-related active pumps are analyzed for operability during faulted conditions by assuring that (1) the pump will not be damaged during the seismic and hydrodynamic events, and (2) the pump will continue operating despite the faulted loads.

Active pump/motor rotor combinations are designed to rotate at a constant speed under all conditions. Motors are designed to withstand short periods of severe overload. The high rotary inertia of the operating pump rotor, and the nature of the random, short duration loading characteristics of the seismic and hydrodynamic event, will prevent the rotor from becoming seized. In actuality, the dynamic loadings will cause only a slight increase, if any, in the torque (i.e., motor current) necessary to drive the pump at the constant design speed. Therefore, the pump will not shutdown during the faulted event and will operate at the design speed despite the faulted loads.

The functional ability of the active pumps after a faulted condition is assured since only normal operating loads and steady state nozzle loads exist. For the active pumps, the faulted condition is greater than the normal condition only due to

seismic and hydrodynamic loads on the equipment itself. The faulted event is infrequent and of relatively short duration compared to the design life of the equipment. Since it is demonstrated that the pumps would not be damaged during the faulted condition, the post-faulted condition operating loads will be no worse than the normal plant operating limits. This is assured by requiring that the imposed nozzle loads (steady-state loads) for normal conditions and post-faulted conditions are limited by the magnitudes of the normal condition nozzle loads. The post-faulted condition ability of the pumps to function under these applied loads is proven during the normal operating plant conditions for active pumps.

The qualification of WNP-2 ECCS motors is based on a type test of a similar motor. All manufacturing, inspection, and routine tests by motor manufacturer on production units were performed on the test motor.

The type test has been performed on a 1250 HP vertical motor, first simulating normal operation during the design life, then the motor being subjected to a number of seismic events, and then to the abnormal environment condition possible during and after a loss of coolant accident (LOCA). The test plan for the type test was as follows:

- a. Thermal aging of the motor electrical insulation system (which is a part of the stator only) was based on IEEE Standard 275, 1966, for the insulation type used on the ECCS motors. The amount of aging equaled the total estimated operation days at maximum insulation surface temperature.
- b. Radiation aging of the motor electrical insulation equals the maximum estimated integrated dose of gamma irradiation during normal and abnormal conditions.

- c. The normal inducted vibration effect on the insulation system has been simulated by 1.5g horizontal vibration acceleration of power supply frequency for one hour duration.
- d. Motor bearings are selected and their operating life is established based on bearing manufacturer's test and operating data using the loads calculated to act on the bearings.
- e. The dynamic deflection analysis on the rotor shaft, performed to ensure adequate rotation clearance, has been verified by static loading and deflection of the rotor for the type test motor.
- f. Dynamic load aging and testing has been performed on a biaxial test table in accordance with IEEE Standard 344-1975. During this type test the shake table was activated simulating the maximum design limit of the safe shutdown earthquake with motor starts and operation combinations as may possibly occur during a plant life.
- g. An environmental test has been performed with the test motor fully loaded, simulating pump operation. The test consisted of startup and six hours operation at 212°F ambient temperature and 100% quality steam. Another startup and operation of the test motor after one hour stand-still in the same environment was followed by sufficient operation at high humidity and temperature, based on extrapolation in accordance with the temperature life characteristic curve from IEEE Standard 275 for the insulation type used on the ECCS motors.

7.1.1 Engineered Safeguard Feature (ESF) Pumps (Other than ECCS)

The ESF pumps are designed to the appropriate section of the ASME Code utilizing conservatively derived loads, including the effects of SSE. The ESF pump design is based on analytical results or appropriate dynamic testing, to meet the seismic loading requirements as defined by the applicable floor response spectrum for the appropriate damping coefficients. For the small, compact pumps comprising rigid assemblies with natural frequencies well above 33 Hz, the assemblies have been qualified by static analytical methods only. This is considered sufficient to demonstrate operability for these pumps.

7.2 ASME Code Class I Active Valves (GE Scope)

The Class I Active Valves include the Main Steam Isolation Valves, Safety/Relief Valves, and the Standby Liquid Control Valves. Each of these valves is designed to perform its mechanical motion in conjunction with a design basis accident including hydrodynamic loads. Qualification for operability is unique for each valve type; the methods used for these valves are detailed below.

7.2.1 Main Steam Isolation Valve

The MSIV's are evaluated for operability during seismic and hydrodynamic loads events by both analysis and test.

- (1) First, the valve body is designed in accordance with the ASME B and PV code Section III Class 1 (Table 3.9-2(n)) which limits deformation in the operating area of the valve body to be within the

elastic limit of the material by limiting pressure and pipe reaction input loads (including seismic), thereby assuring no interference with valve operability.

- (2) A dynamic test, including hydrodynamic loads, was conducted on a similar MSIV to assure operability at design seismic and hydrodynamic loading requirements. A similarity evaluation will be performed to confirm the applicability of the tested MSIV.

In order to assure design limits are not exceeded for both piping input loads and actuator dynamic loads, the MSIV is mathematically modeled in the Main Steam Line System Analysis. The valve's actual input loads, amplified accelerations, and resonance frequencies are determined based on the site excitation input to the system as a part of the overall steamline analysis. Pipe anchors and restraints are applied as required to limit pipe system resonance frequencies and amplified acceleration to within acceptable limits for the MSIVs.

- (3) The main steam isolation valves operability following a down stream line break was demonstrated by the "Static Line Test" as defined in the report APED-5750 (March 1969). The test specimen was a 20-inch valve of a design representative of the MSIVs.

7.2.2 Main Steam Safety/Relief Valves

The S/R valves are qualified by test for operability during a seismic and hydrodynamic load event. Structural integrity of the configuration during a dynamic event is demonstrated by both code analysis and test.

- (1) Valve is designed for maximum moments which may be imposed when installed in service. These moments are resultants due to dead weight plus seismic and hydrodynamic loadings on both valve and connecting pipe, thermal expansion of the connecting pipe, and reaction forces from valve discharge.
- (2) A production S/R valve's operability was demonstrated by a dynamic qualification (shake table) test which applied moment and 'g' loads greater than the required design limit loads and conditions.

A mathematical model of this valve is included in the main steam line system analysis as with the MSIVs. This analysis assures that the equipment design limits are not exceeded.

- (3) The safety/relief valve is generically qualified via testing for seismic and hydrodynamic loading, the natural frequencies are determined to be greater than 33 Hz for seismic and 60 Hz for hydrodynamic loading.

7.2.3 Standby Liquid Control Valve (Explosive Valve)

The SLC Explosive Valve has been generically qualified by testing and analysis in accordance with the ASME Boiler and Pressure Vessel Code Section III, Class 1 requirements. The generic qualification test demonstrated the absence of natural frequencies below 33 Hz and the ability to remain operable after the application of horizontal seismic loading equivalent to 6.5 g's and a vertical seismic loading equivalent to 4.5 g's at 33 Hz.

7.3 Safety Related Valves (Non-GE Scope)

Safety-related active valves are designed to perform their mechanical motion in conjunction with a design basis accident. The operability assurance program ensures that these valves will operate during a seismic event. Qualification by analyses and tests (where deemed necessary) are conducted for all active valves.

Pressure-retaining valves are designed using either the standard or the alternate design rules of ASME III. On all active valves, an analysis of the extended structure is also performed for static equivalent seismic SSE and hydrodynamic loads (where applicable) applied at the center of gravity of the extended structure.

In addition to tests and analyses performed to meet ASME Section III requirements, representative valves of each design type are tested/analyzed for verification of operability during a simulated seismic event by demonstrating operational capabilities within the specified limits.

The valve operability evaluation is performed as follows: The valve is evaluated to determine if operability can be demonstrated by analysis. This analysis includes a deflection analysis of critical parts of the assembly. Where deflection at peak loads does not cause critical parts to come into contact, operability is considered to be demonstrated by this method and testing is not required. Where this cannot be shown, testing will be performed to ensure operability.

The representative valve is mounted in a manner which is conservatively representative of a typical installation. The valve includes the actuator and all appurtenances normally

attached to the valve in service. The operability of the valve during an SSE is demonstrated by satisfying the following criteria:

- a. The valve system will be statically loaded an amount greater than that determined by an analysis as representing SSE and hydrodynamic accelerations applied at the center of gravity of the actuator.
- b. The valve will then be operated while in the deflected position, i.e., from the normal operating position to the "safe" position. The valve must perform its safety-related function within the specified operating time limits.
- c. Alternatively, the valve, including the actuator and all other accessories, may be qualified by shake table test at the above specified acceleration.

Active valves which are safety-related but do not have overhanging structures, such as check valves and safety-relief valves, will be considered separately.

Due to the particular simple characteristics of the check valves, operability is assured by the following tests and analyses:

- a. Stress analysis including the SSE and hydrodynamic loads, where applicable
- b. Hydrostatic tests
- c. Seat Leakage test
- d. Periodic in-situ valve exercising and inspection to assure the functional capability of the valve.

The active safety-relief valves are also subjected to stress analyses including the SSE loads, and hydrostatic seat leakage and performance tests.

7.4 Pump and Valve Inservice Test Program

The dynamic operability demonstration, which is a one-time pre-operational exercise, is complimentary to the WNP-2 Pump and Valve Inservice Test Program Plan in place for ongoing verification of operability conducted in compliance with the ASME Boiler and Pressure Vessel Code, Section XI, Subsections IWP and IWV and regulations prescribed by 10CFR50.55a(g). The code requires periodic testing of certain safety related pumps and valves to verify their operability and physical integrity. This program serves to insure continuing operability by monitoring performance parameters. The preservice dynamic operability demonstration described in 7.1 through 7.3 above serves to exhibit operability under postulated faulted conditions.

8.0 DESCRIPTION OF APPENDICES

8.1 Electrical and Mechanical Lists

Appendices A and B are the Class 1E and safety-related mechanical lists, respectively. They are lists of electrical and mechanical equipment which is essential to emergency reactor shutdown, accident mitigation, long term cooling, post accident sampling, plant parameter monitoring, or the prevention of an uncontrolled release of radioactive material to the environment which could result in off-site exposure in excess of 10CFR100 limits.

8.1.1 Class 1E Equipment List. Appendix A is the list of Class 1 Electrical equipment grouped by 1) harsh environment, Containment and Reactor Buildings, and listed by system; 2) mild environment, Radwaste and Diesel Generator Buildings, and listed by system; 3) non-contiguous areas, Pump Houses, and listed by system; and 4) Turbine Generator Building.

8.1.2 Safety-Related Mechanical Equipment. Appendix B is the list of the safety-related mechanical equipment in WNP-2 in system sequence.

8.2 Code Description

The codes used in appendices A and B are described below in the order shown in the appendices.

<u>COLUMN DESIGNATION</u>	<u>DESCRIPTION</u>
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EPN	The equipment piece number (EPN) is listed. It is composed of the system designation (a complete list is provided at the end of this section), a component code (list is provided in this section) and a unique identifier.
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MFG

Manufacturer: Contains the code prepared for the industry by Southwest Research Corp. indicating the company which 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.

Model

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.

Status

S

Qualification Status indicates the seismic/hydrodynamic qualification of the equipment. The following list shows the meaning of the codes used.

- A - Acceptable, installed
- B - Acceptable, reviewed but installation status not yet determined
- C - Acceptable, not installed
- D - Additional documentation needed
- G - Component being reworked in order to qualify
- M - Being requalified by analysis
- N - Not Acceptable, requalification method not yet determined
- P - Purchasing qualified replacement
- Q - Compact component whose qualification is based on compliance with applicable code (ASME ETC)
- R - Review of applicable qualification documentation has not been completed
- S - Qualified to date for seismic criteria only
- T - Being requalified by test
- K - A composite, to be qualified when all components within the composite are qualified.

Status

E

Environmental qualification status not required in this report. See Ref. V.

***Seismic(s)
Parameters***

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.

Test The test column describes the tests used to seismically qualify the equipment. It includes up to three digits. They are as follows:

X X X

First Digit - Method of determining natural frequency.

0 Natural frequency not determined.

1 Resonance Sweep Test. A sinusoidal input (sine sweep) with continuously varying frequency is applied. The frequency band covers the range of frequencies of concern. 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.
- 3 Reed critical test
- 4 Hammer blow
- 5 Attached Electromechanical Shaker (in SITU Test)
- 6 Components tested as an integral part of an assembly without the component's natural frequency being determined.

X X X Second Digit - Number of axes stimulated simultaneously

- 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.
- 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 $\sqrt{2}$ 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.

X X X

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-384, 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 Section 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. If no resonances were found, the test was conducted at the frequency of the ZPA. (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 was conducted. If no resonances were found, the test was performed at the frequency of the ZPA. (See response to 271.01 for acceptance criteria.)
- 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 Dwell Test. Both 1 and 4 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 of interest.

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 are analyzed and the results extended to cover a generic line of similar equipment. Where the differences are significant, justification is provided.

0 4 Static analysis is performed on passive items to ensure mounting integrity only.

0 5 Both 01 and 03 are performed.

C Compliance with operability requirements for seismic/hydrodynamic event. (Only used in Appendix B when E.C. is shown as active.)

9 Operability has not yet been demonstrated.

0 Operability has been demonstrated.

FREQ The lowest natural frequency (in Hertz) found in the equipment. If a "+" follows that frequency, no natural frequency was found up to and including that frequency.

A/E Drawing Architect engineer drawing number on which the component is found.

A/E Zone The location on the drawing where the component is found.

Description A short narrative description of the equipment.

BLDG The building in which the component is located.

A - Pump House A

B - Pump House B

C - Part of or within Primary Containment

D - Diesel Generator Building

L - Offsite Locale

O - Outdoors on Site

R - Reactor Building

T - Turbine Generator Building

W - Radwaste/Control Building

ELEV	The elevation in feet of the component.
Detail	The building coordinates for locating the component.
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.

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 1E/SRM 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 if active 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.
- 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.

Safety
Function

A code to describe the safety function of the equipment

A component may provide one or more of the below listed safety functions. The appropriate symbols below will be entered in the Safety Function space (34 characters).

<u>Symbol</u>	<u>Function</u>
A.	Emergency Reactor Shutdown, including SCRAM Signals and Reactivity Insertion.
B.	Containment Isolation
	B ¹ Primary Containment
	B ² Reactor Building
C.	Emergency Core Heat Removal
D.	Containment Atmosphere Control
E.	Core Residual Heat Removal, including Long-Term Cooling
F.	Prevention of the Release of Radioactive Material to the Environment
G.	No Active Safety Function but a Passive Integrity Function
H.	Emergency Electrical Power Systems, A.C. and D.C.
I.	Instrumentation to Follow the Course of an Accident
J.	Compartment Heat Removal for Equipment Operability or Personnel Habitability

QID The Qualification Identification is a six-digit number indicating a file which contains the qualification documentation for that EPN along with summary forms and plant walk-through records.

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.

LEVEL 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/SRM 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/SRM 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.

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.

E.C. Equipment Classification. Code A - Active for Class 1E equipment, active components must provide or receive an electrical signal in order to perform its safety-related function.

For safety-related mechanical equipment, active components must perform a mechanical motion in order to shut down the plant or mitigate the consequences of a postulated event.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
SAFETY-RELATED EQUIPMENT
COMPONENT TABLE

COMP CODE	COMPONENT IDENTIFICATION
AD	AIR DAMPER
AH	AIR HANDLING UNIT
AM	AMMETER
ANN	ANNUNCIATORS
AO	AIR OPERATOR
AR	AIR RECEIVER
AW	AIR WASHER
AY	ANALYZER
BD	BOARD
BO	24 VOLT BATTERY
B1	125 VOLT BATTERY
B2	250 VOLT BATTERY
C	COMPRESSOR
CA	CHLORINE ANALYZER/RECORDER
CB	CIRCUIT BREAKER
CBL	CABLE
CC	COOLING COIL
CE	CONDUCTIVITY ELEMENT
CF	CHARCOAL FILTER
CI	CONDUCTIVITY INDICATOR
CIST	CONDUCTIVITY IND TRAN SWITCH
CNTR	CONTACTOR, *CL.1E ONLY*
CONN	CONNECTOR, *CL.1E ONLY*
CP	CONTROL PANEL
CR	DIODE, *CL.1E ONLY*
CR	CONDUCTIVITY RECORDER
CR	CHILLER
CRA	CRANE

CT	CURRENT TRANSFORMER
CT	CONDUCTIVITY TRANSMITTER
CT	COOLING TOWER
CU	CONDENSING UNIT
CO	24 VOLT BATTERY CHARGER
C1	125 VOLT BATTERY CHARGER
C2	250 VOLT BATTERY CHARGER
DET	DETECTOR
DP	DISTRIBUTION PANEL
DPI	D PRESS INDICATOR
DPIS	D PRESS INDICATING SWITCH
DPR	D PRESS RECORDER
DPS	D PRESS SWITCH
DPT	D PRESS TRANSMITTER
DRVE	DRIVE
DT	DRIVE TURBINE
DTRS	D TEMP RECORDING SWITCH
DV	DUMP VALVE
E/P	ELECTROPNEUMATIC CONVERTER
E/S	ELECTRONIC POWER SUPPLY
EAMP	VOLTAGE AMPLIFIER OR PREAMPL
EFCX	EXCESS FLOW CHECK VALVE
EHC	ELECTRIC HEATING COIL
EHO	ELECTROHYDRAULIC OPERATOR
EI	VOLTMETER (SEE V FOR B&R USE)
EJ	EXPANSION JOINT
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
EV	EVAPORATOR
EXC	EXCITER

F	PIPING FILTER
FA	FLAME ARRESTOR
FC	FAN COIL
FCN	FILL CONNECTION
FCV	FLOW CONTROL VALVE
FE	FLOW ELEMENT
FI	FLOW INDICATOR
FIC	FLOW INDICATING CONTROLLER
FIS	FLOW INDICATING SWITCH
FL	FILTER
FLT	FILTER
FLX	FLEXIBLE CONNECTION
FN	FAN
FR	FLOW RECORDER
FS	FLOW SWITCH
FT	FLOW TRANSMITTER
FU	FILTER UNIT
FUSE	FUSE, *CL.1E ONLY*
GEN	GENERATOR
H	HEATER
HC	HEATING COIL
HCU	HYDRAULIC CONTROL UNIT
HF	HIGH EFFICIENCY FILTER
HO	HYDRAULIC OPERATOR
HR	HYDROGEN RECOMBINER
HU	HUMIDIFIER
HX	HEAT EXCHANGER
HZM	FREQUENCY METER
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)
LAG	ELECTRONIC TIME DELAY

LCV	LEVEL CONTROL VALVE
LI	LEVEL INDICATOR
LIC	LEVEL INDICATING CONTROLLER
LIS	LEVEL INDICATING SWITCH
LITS	LEVEL INDIC TRANS SWITCH
LMS	LIMIT SWITCH
LMS	LOCAL MANUAL SWITCH
LR	LEVEL RECORDER
LS	LEVEL SWITCH
LT	LEVEL TRANSMITTER
LTD	TRANSDUCER LEVEL
LWS	LOW VOLUME SELECTOR
M	MOTOR
M/A	MANUAL OR AUTO STATION
MC	MOISTURE CONTROLLER
MC	MOTOR CONTROL CENTER
ME	MOISTURE ELEMENT
MIC	MOISTURE INDIC CONTROLLER
MO	MOTOR OPERATOR
MR	MOISTURE RECORDER
MS	MOISTURE SEPARATOR
MT	MOISTURE TRANSMITTER
MV/I	M/VOLT TO CURRENT CONVERTER
NR	NEUTRAL GROUNDING RESISTOR
P	PUMP
PC	PRESSURE CONTROLLER
PCV	PRESSURE CONTROL VALVE
PI	PRESSURE INDICATOR
PIC	PRESS INDICATING CONTROLLER
PIS	PRESSURE INDICATING SWITCH
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
PS	PRESSURE SWITCH
PT	POTENTIAL TRANSFORMER
PT	PRESSURE TRANSMITTER
QHM	RUN TIME METER
RD	RUPTURE DISC
RE	RADIATION ELEMENT
RES	RESISTOR, *CL.1E ONLY*
RI	RADIATION INDICATOR
RIS	RADIATION INDICATING SWITCH
RLY	RELAY
RMS	REMOTE MANUAL CONTROL SWITCH
RO	RESTRICTING ORIFICE
RPV	REACTOR PRESSURE VESSEL
RR	RADIATION RECORDER
RV	RELIEF VALVE
S	ELECTRONIC TRIP UNIT
S	SILENCER
SC	SPEED CONTROLLER
SE	SPEED ELEMENT SH
SH	6.9 KV SWITCH GEAR
SI	SPEED INDICATOR
SL	480 VOLT SWITCH GEAR
SM	4.16 KV. SWITCH GEAR
SPV	SOLENOID PILOT VALVE
SQRT	SQUARE ROOT EXTRACTOR
SR	SAMPLE RACK
SS	SELECTOR SWITCH
SS	SPEED SWITCH
ST	STRAINER
SUM	SUMMER
SV	SOLENOID OPERATED VALVE
T	TRAP

TA	TRIP AUXILIARY UNIT
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
TIS	TEMP INDICATING SWITCH
TK	TANK
TM	TIMER
TR	TRANSFORMER
TR	TEMPERATURE RECORDER
TR	TRIAXIAL RECORDER
TRB	TERMINAL BLOCK/STRIP *CL.1E*
TRS	TEMPERATURE RECORDING SWITCH
TS	TEMPERATURE SWITCH
TT	TEMPERATURE TRANSMITTER
TX	THERMOWELL
V	VALVE
VARM	VAR METER
VATD	TRANSDUCER, VAR
VBS	VIBRATION SWITCH
WHM	WATT-HOUR METER
WTD	WATT TRANSDUCER
X	PRIMARY CONTAINMENT PENETRAT
XE	ELEMENT, SPECIAL TYPES
XR	RECORDER, SPECIAL TYPES

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
MASTER EQUIPMENT LIST
SYSTEM CODE LIST

<u>SYSTEM CODE</u>	<u>SYSTEM TITLE</u>
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
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

SYSTEM CODESYSTEM TITLE

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
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
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

9.0 REFERENCES

- A. WNP-2 FSAR, Revision 25
- B. Burns and Roe TM 1181 Rev. 1 dated 9/17/80, "WPPSS NP2 SRV Discharge Loads, Drywell"
- C. Burns and Roe TM 1254 dated 1/19/82, "WNP-2 SRV Discharge Loads, Wet Well"
- D. Burns and Roe TM 1237 dated 7/1/81, "WPPSS NP2 Annulus Pressurization - Building Response"
- E. Burns and Roe TM 1223 dated 2/17/81, "WPPSS NP2 Annulus Pressurization - Building Response"
- F. Burns and Roe TM 1256 dated 2/26/82, "WPPSS WNP-2 Finite Element Seismic Floor Response Spectra"
- G. U.S. Atomic Energy Commission Regulatory Guide 1.61 dated October 1973
- H. Letter, BRWP-81-248 dated July 2, 1981, "WPPSS NP-2 Seismic and Hydrodynamic Floor Response Spectra"
- J. Letter, R. L. Tedesco, USNRC to R. L. Ferguson, WPPSS dated March 30, 1981, "Request for Additional Information on the Environmental Qualifications of WNP-2 Equipment"
- K. General Electric Report, NEDO 21061-4 Rev. 4, dated November 1981, "Dynamic Forcing Function Report"
- L. ASME Boiler and Pressure Vessel Code, American Society of Mechanical Engineers

- M. AISC Manual of Steel Construction, American Institute of Steel Construction
- N. IEEE Standard 344-1975, "IEEE Recommended Practices for Seismic Qualification of Class 1E Equipment for Nuclear Power Generating Stations", the Institute of Electrical and Electronics Engineers, Inc.
- O. Standard Review Plan 3.9.2, U. S. Nuclear Regulatory Commission
- P. Burns and Roe internal memo M. Ettooney to J. O'Donnel, August 12, 1982, "Determination of Equivalent Number of Fatigue Cycles Due to SRV Loading"
- Q. Pump and Valve Inservice Test Program Plan, Washington Public Power Supply System, Nuclear Project No. 2
- R. IEEE Standard 501-1978, "IEEE Standard Seismic Testing of Relays", The Institute of Electrical and Electronics Engineers, Inc.
- S. NUREG-0892, "Safety Evaluation Report Related to the Operation of WPPSS Nuclear Project No. 2", U. S. Nuclear Regulatory Commission, March 1982
- T. Regulatory Guide 1.92, U. S. Nuclear Regulatory Commission
- U. Regulatory Guide 1.100, U. S. Nuclear Regulatory Commission
- V. WNP-2 Environmental Equipment Qualification Report for Safety Related Equipment, September 1982

- W. Letter, WPPSS (G. D. Bouchey) to USNRC (A. Schwencer)
G02-81-0315, dated 9-25-81, "Supply System Nuclear Project
No. 2 Seismic and Hydrodynamic Qualification Status"

- X. Letter, WPPSS (G. D. Bouchey) to USNRC (A. Schwencer)
G02-82-129, dated 2-12-82, "Supply System Nuclear Project
No. 2, Additional Information for Seismic Qualification of
Safety Related WNP-2 Equipment"

APPENDIX A

CLASS 1E EQUIPMENT LIST



EPN	MFG DESCRIPTION	MODEL	BLDG ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***			FREQ OID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					1H	HL TEST	ANL FO C			
CAC-CNTR-1A	1202	A1020202		A M	N	621			71-00-0104	E11
CONTACTOR FOR CAC-EHC-1A			R 572 H.7/6.6		1 0	D		045002	71	2 A
CAC-CNTR-1B	1202	A1020202		A M	Y	621			71-00-0104	D11
CONTACTOR FOR CAC-EHC-1B			R 572 H.7/7.4		1 0	D		045002	71	2 A
CAC-E/S-1A24	B040	9166Y987		A A	N	621			71-00-0104	
24VDC POWER SUPPLY			R 572 H.6/6.5		1 0	D		105002	71	3 A
CAC-E/S-1A43	B080	298		A A	N	621			71-00-0104	
43VDC POWER SUPPLY			R 572 H.6/6.5		1 0	D		105002	71	3 A
CAC-E/S-1B24	B040	9166Y987		A A	N	621			71-00-0104	
24VDC POWER SUPPLY			R 572 H.5/8.0		1 0	D		105002	71	3 A
CAC-E/S-1B43	B080	298		A A	N	621			71-00-0104	
43VDC POWER SUPPLY			R 572 H.7/7.2		1 0	D		105002	71	3 A
CAC-EHC-1A	C332	SA213-1347 S.S.		A A	N	621			M554	E14
37 KW PREHEATER			R 580 H7/6.6		1 0	D		109007	71	2 A
CAC-EHC-1B	C332	SA213-1347 S.S.		A A	N	621			M554	E2
37 KW PREHEATER			R 580 H7/7.4		1 0	D		109007	71	2 A
CAC-EHO-FCV/1A	1206	NH91		A T	P	Y	121 03	33+	M554	J10
ELECTRO-HYD OPER FOR CAC-FCV-1A			R 575 L.9/5.0		1 0	D		110004	42A	2 A
CAC-EHO-FCV/1B	1206	NH91J4002F211B		A T	P	Y	121 03	33+	M554	H6
ELECTRO-HYD OPER FOR CAC-FCV-1B			R 578 J.8/6.5		1 0	D		110004	42A	2 A
CAC-EHO-FCV/2A	1206	NH91J4002F221A		A T	P	Y	121 03	33+	M554	G11
ELECTRO-HYD OPER FOR CAC-FCV-2A			R 558 H.2/7.1		1 0	D		110004	42A	2 A
CAC-EHO-FCV/2B	1206	NH91J4002F211B		A T	P	Y	121 03	33+	M554	G6
ELECTRO-HYD OPER FOR CAC-FCV-2B			R 563 6.5/H.5		1 0	D		110004	42A	2 A
CAC-EHO-FCV/3A	1206	NH91		A T	P	Y	121 03	33+	M554	D11
ELECTRO-HYD OPER FOR CAC-FCV-3A			R 493 H.8/4.4		1 0	D		110004	42A	2 A
CAC-EHO-FCV/3B	1206	NH91J4002F211B		A T	P	Y	121 03	33+	M554	C6
ELECTRO-HYD OPER FOR CAC-FCV-3B			R 494 J.0/7.4		1 0	D		110004	42A	2 A
CAC-EHO-FCV/4A	1206	NH91J4002F211B		A T	P	Y	121 03	33+	M554	E11
ELECTRO-HYD OPER FOR CAC-FCV-4A			R 495 8.2/H.6		1 0	D		110004	42A	2 A
CAC-EHO-FCV/4B	1206	NH91J4002F211B		A T	P	Y	121 03	33+	M554	E6
ELECTRO-HYD OPER FOR CAC-FCV-4B			R 493 H.4/6.0		1 0	D		110004	42A	2 A
CAC-EHO-FCV/5A	1206	NH91J4070F3L16		A T	P	N	121 03	33+	M554	F14
EHO FOR CAC-FCV-5A			R 572 H.6/6.5		1 0	D		110004	71	2 A
CAC-EHO-FCV/5B	1206	NH91J4070F3L16		A T	P	N	121 03	33+	M554	F2
EHO FOR CAC-FCV-5B			R 573 H.5/7.5		1 0	D		110004	71	2 A

EPN	MFG DESCRIPTION	MODEL	BLDG ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***				FREQ Q10	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TH	HL	TEST	ANL	FO	C	
CAC-EHO-FCV/6A EHO FOR CAC-FCV-6A	1206	NH92	R 572 M.6/6.5	A T	P	N	121	03	33+	M554 110001 71	G12 2 A
CAC-EHO-FCV/6B EHO FOR CAC-FCV-6B	1206	NH91H9070E3216	R 573 M.5/7.5	A T	P	N	121	03	33+	M554 110004 71	G4 2 A
CAC-EHO-TCV/4A EHO FOR CAC-TCV-4A	1206	NH92H9970E3L29	R 573 M.5/6.6	A T	P	N	121	03	33+	M554 110001 71	D12 2 A
CAC-EHO-TCV/4B EHO FOR CAC-TCV-4B	1206	NH92	R 573 M.5/7.4	A T	P	N	121	03	33+	M554 110001 71	D4 2 A
CAC-EHO-V/1A EHO FOR CAC-V-1A SAUNDERS VLV	1206	NH95H2670E3L2	R 573 M.5/6.6	A T	P	N	121	03	33+	M554 110002 71	F15 2 A
CAC-EHO-V/1B EHO FOR CAC-V-1B SAUNDERS VLV	1206	NH95H2670E3L2	R 573 M.5/7.4	A T	P	N	121	03	33+	M554 110002 71	F2 2 A
CAC-EHO-V/2A ELECTRO HYD OPERATOR FOR CAC-V-2A	1206	NH91H2070E3L2	R 573 M.5/6.6	A T	P	N	121	03	33+	M554 110004 71	F12 2 A
CAC-EHO-V/2B EHO FOR CAC-V-2B SAUNDERS VLV	1206	NH91H2070E362	R 573 M.5/7.4	A T	P	N	121	03	33+	M554 110004 71	F4 2 A
CAC-EHO-V/3A EHO FOR CAC-V-3A SAUNDERS VLV	1206	NH91H2070E362	R 573 M.5/6.6	A T	P	N	121	03	33+	M554 110004 71	D12 2 A
CAC-EHO-V/3B EHO FOR CAC-V-3B SAUNDERS VLV	1206	NH91H2070E362	R 573 M.5/7.4	A T	P	N	121	03	33+	M554 110004 71	D4 2 A
CAC-FI-5A1 RECOMB SW FLOW TO CAC-AW-1A	B045	50-73010000001	R 572 M.2/5.7	A	H		621			M554 158001 71	G14 3 A
CAC-FI-5B1 RECOMB SW FLOW TO CAC-AW-1B	B045	50-73010000001	R 572 M.5/8.0	A	N		621			M554 138001 71	G3 3 A
CAC-FIC-67A FIC FOR CAC-FCV-6A	B042	50-7010038AAA1	R 576 M.3/5.8	A A	H		621			M554 139001 71	F12 3 A
CAC-FIC-67B FIC FOR CAC-FCV-6B	B042	50-7010038AAA1	R 577 M.5/8.0	A A	H		621			M554 139001 71	F4 3 A
CAC-FR-67A1 FLOW RECORDER FOR CAC-FCV-6A LOCAL	B045	50-732132BRAA1	R 572 M.2/5.7	A B	H		621			M554 150002 71	F12 3 A
CAC-FR-67B1 FLOW REC FOR CAC-FCV-6B LOCAL	B045	50-732132BRAA1	R 572 M.5/8.0	A B	H		621			M554 150002 71	F4 3 A
CAC-FS-6A FLOW SWITCH FOR CAC-FCV-6A	H422	DCA/4-20MA/D-X2-X3	R 576 M.3/5.8	A A	N		621			M554 154002 71	F12 3 A
CAC-FS-6B FLOW SWITCH FOR CAC-FCV-6B	H422	DCA/4-20MA/D-X2-X3	R 576 M.5/8.0	A A	N		621			M554 154002 71	F4 3 A

EPH	HFG	MODEL	STATUS S E	***SEISMIC (S) PARAMETERS***				FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
				TH	HL	TEST	ANL FO C			
DESCRIPTION			BLOG ELEV	DETAIL	USE	SAFETY	FUNCTION	OID		
CAC-FI-1A FT TO CAC-FIC-1A	R369	10PSQ22T0003PB	B.B	R N 114	50	M554	J11			
			R 551 5.7/H.8	1 0 D	156005	220	3 A			
CAC-FI-1B FT TO CAC-FIC-1B	R369	10PSQ22T0003PB	B.B	R N 114	50	M554	J5			
			R 551 8.2/H.7	1 0 D	156005	220	3 A			
CAC-FI-2A FT TO CAC-FIC-2A	R369	10PSQ22T0003PB	B.B	R N 114	50	M554	G11			
			R 551 5.8/H.8	1 0 D	156005	220	3 A			
CAC-FI-2B FT TO CAC-FIC-2B	R369	10PSQ22T0003PB	B.B	R N 114	50	M554	G5			
			R 551 8.2/H.7	1 0 D	156005	220	3 A			
CAC-FI-3A FT TO CAC-FIC-3A	G090	542203	B.B	R N 114	50	M554	D11			
			R 504 H.8/5.5	1 0 D	156005	220	3 A			
CAC-FI-3B FT TO CAC-FIC-3B	R369	115-10PSQ22T0003PB	B.B	R N 114	50	M554	D5			
			R 504 L4/9.3	1 0 D	156005	220	3 A			
CAC-FI-4A FT TO CAC-FIC-4A	R369	115-10PSQ22T0003PB	B.B	R N 114	50	M554	F11			
			R 504 H.8/5.5	1 0 D	156005	220	3 A			
CAC-FI-4B FT TO CAC-FIC-4B	R369	1151-DPSQ22T0003PB	B.B	R N 114	50	M554	F5			
			R 504 H.0/4.9	1 0 D	156005	220	3 A			
CAC-FI-5A SCRUBBER 1A SW INLET FT	B090	386	A.A	N 621	156004	71	G14			
			R 473 H.3/6.8	2 0 G	156004	71	3 A			
CAC-FI-5B SCRUBBER 1B SW INLET FT	B090	386	A.A	N 621	156004	71	G2			
			R 578 H.3/7.5	2 0 G	156004	71	3 A			
CAC-FI-6A FT TO CAC-FIC-67A	1204	386	A.A	N 621	156004	71	F12			
			R 575 H.5/6.5	1 0 D	156004	71	3 A			
CAC-FI-6B FT TO CAC-FIC-67B	1204	386	A.A	N 621	156004	71	F4			
			R 575 H.5/7.3	1 0 D	156004	71	3 A			
CAC-FI-7A FT TO CAC-FIC-67A	1204	386	A.A	N 621	156004	71	F12			
			R 575 H.3/6.6	1 0 D	156004	71	3 A			
CAC-FI-7B FT TO CAC-FIC-67B	1204	386	A.A	N 621	156004	71	F3			
			R 576 H.3/7.4	1 0 D	156004	71	3 A			
CAC-LI-1A LEVEL INDICATOR ON CAC-MS-1A	B015	745120AAAA1	A	N 621	196003	71	E13			
			R 572 H.2/5.7	3 0	196003	71	3 A			
CAC-LI-1B LEVEL INDICATOR ON CAC-MS-1B	B015	745120AAAA1	A	N 621	196003	71	E3			
			R 572 H.5/8.0	3 0	196003	71	3 A			
CAC-LS-1A LEVEL IND. SWITCH IN CAC-MS-1A	H422	DCA/4-20MA/D-X1-X4	A.A	N 621	207009	71	D14			
			R 579 H.3/5.0	1 0 D	207009	71	3 A			
CAC-LS-1B LEVEL IND. SWITCH IN CAC-MS-1B	H422	DCA/4-20MA/D-X1-X4	A.A	N 621	207009	71	D3			
			R 579 H.5/8.0	1 0 D	207009	71	3 A			

EPN	MFG	MODEL	STATUS S E	***SEISMIC (S) PARAMETERS*** TH HL TEST ANL FO C	FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
DESCRIPTION		BLOG ELEV	DETAIL	USE SAFETY FUNCTION	OID		
CAC-LT-1A LT FOR MS-1A	1204	386	A A	M 621	M554	013	
		R 574 M.3/6.8	1 0	0	209002	71	2 A
CAC-LT-1B LT FOR MS-1B	1204	386	A A	M 621	M554	03	
		R 574 M.3/7.5	1 0	D	209002	71	2 A
CAC-M-FN-1A 25HP/7A MOTOR FOR CAC-FN-1A	M120	75D92973	A A	M 621	M554	E13	
		R 572 M5/6.6	1 0	D	213048	71	2 A
CAC-M-FN-1B 25HP/7A MOTOR FOR CAC-FN-1B	M120	75D92973	A A	M 621	M554	F3	
		R 572 M5/7.4	1 0	D	213048	71	2 A
CAC-MO-11 MOTOR OPERATOR CAC-V-11	L200	SMB-000-5/D56A	S A	P Y 114	33+	M554	G6
		R 563 6.5/M.5	1 0	D	221001	41A	2 A
CAC-MO-13 .361HP/3.8A MOTOR OPER. CAC-V-13	L200	SMB-000-5/D56A	A A	M 14 00	35	M554	E6
		R 487 M.0/6.0	1 0	D	221001	41A	2 A
CAC-MO-15 .361HP/3.8A MO FOR CAC-V-15	L200	SMB-000-5/D56A	S A	P Y 114	33+	M554	41A
		R 570 J.8/6.8	1 0	D	221001	41A	2 A
CAC-MO-17 .361HP/3.8A MOTOR OPER. CAC-V-17	L200	SMB-000-5/D56A	S A	P Y 114	33+	M554	06
		R 494 J.0/7.4	1 0	D	221001	41A	2 A
CAC-MO-2 MOTOR OPERATOR CAC-V-2	L200	SMB-000-5/D56A	S A	P Y 114	33+	M554	G10
		R 558 M.2/7.1	1 0	D	221001	41A	2 A
CAC-MO-4 .361HP/3.8A MOTOR OPER. CAC-V-4	L200	SMB-000-5/D56A	B A	P M 114	33+	M554	E10
		R 495 M.2/7.8	1 0	D	221001	41A	2 A
CAC-MO-6 MOTOR OPERATOR CAC-V-6	L200	SMB-000-5/D56A	S A	P Y 114	33+	M554	H10
		R 575 L.9/5.0	1 0	D	221001	41A	2 A
CAC-MO-8 MOTOR OPERATOR CAC-V-8	L200	SMB-000-5/D56A	S A	P Y 114	33+	M554	D10
		R 480 M.8/4.3	1 0	D	221001	41A	2 A
CAC-P1-1A1 INLET TO CAC-FN-1A	D015	730100AAAA1	A		M554	F14	
		R 572 M.2/5.7	3 0		71		3 A
CAC-P1-1B1 INLET TO CAC-FN-1B	D015	730100AAAA1	A		M554	F3	
		R 572 M.5/8.0	3 0		71		3 A
CAC-PS-68A PS TO MOIST SEP 1A	M422	DCA/4-20PA/DX1-X4	A A	M 621	M554	E13	
		R 576 M.3/5.8	1 0	D	256012	71	3 A
CAC-PS-68B PS TO MOIST SEP 1B	M422	DCA/4-20PA/C-X1-X4	A A	M 621	M554	E3	
		R 577 M.5/8.0	1 0	D	256012	71	3 A
CAC-PT-1A 0-30 PSIG FOR CAC-FN-1A	1204	386	A A	M 621	M554	F13	
		R 572 M.5/6.6	2 0	G	259006	71	2 P
CAC-PT-1B 0-30 PSIG FOR CAC-FN-1B	1204	386	A A	M 621	M554	F	
		R 575 M.5/	2 0	G	259006	71	2

PROGRAM C1E-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
UNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00005
DATE 10/01/82

EPN	MFG DESCRIPTION	MODEL	BLDG ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***				FREQ OID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TM	HL	TEST	ANL	FO C		
					USE		SAFETY	FUNCTION			
CAC-PT-68A	1204 386			A A						M554	D13
PRESS TRANS ON CAC-MS-1A			R 572	H.5/6.6	1 0	D			259006	71	2 A
CAC-PT-68B	1204 386			A A						M554	D03
PRESS TRANS ON CAC-MS-1B			R 572	H.5/7.4	1 0	D			259006	71	2 A
CAC-R/I-4A	0015 50-740320CAAA1			A A						71-00-0104	H
CURRENT RESET ON CAC-HR-1A			R 577	H.2/5.7	1 0	D			271001	71	3 A
CAC-R/I-4B	0015 50-740320CAAA1			A A						71-00-0104	E4
H2 RECOMBINER OUTLET TEMP			R 572	H.5/8.0	1 0	D			271001	71	3 A
CAC-RLY-1A	A500 RK225-052-CP			A I						E519/15	D11
CONTROL RELAY FOR CAC-FCV-1A			R 475	H.1/9.3	1 0	D			283011	218	3 A
CAC-RLY-1B	A500 RK225-052-CP			A I						E519/15	H2
CONTROL RELAY FOR CAC-FCV-1B			R 475	H.0/8.3	1 0	D			283011	218	3 A
CAC-RLY-2A	A500 RK225-052-CP			A I						E519/15	H4
CONTROL RELAY FOR CAC-FCV-2A			R 475	H.1/9.3	1 0	D			283011	218	3 A
CAC-RLY-2B	A500 RK225-052-CP			A I						E519/15	H4
CONTROL RELAY FOR CAC-FCV-2B			R 475	H.0/8.3	1 0	D			283011	218	3 A
CAC-RLY-3A	A500 RK225-052-CP			A I						E519/15	H4
CONTROL RELAY FOR CAC-FCV-3A			R 475	H.1/9.3	1 0	D			283011	218	3 A
CAC-RLY-3B	A500 RK225-052-CP			A I						E519/15	H4
CONTROL RELAY FOR CAC-FCV-3B			R 475	H.0/8.3	1 0	D			283011	218	3 A
CAC-RLY-4A	A500 RK225-052-CP			A I						E519/15	H4
CONTROL RELAY FOR CAC-FCV-4A			R 475	H.1/9.3	1 0	D			283011	218	3 A
CAC-RLY-4A/1234	A500 RK225-052CP			A I						09 E519	
INTLK CAC-V-4.6,FCV-1A,4A CACHR-1A			R 475	H.1/9.3	1 0	D			283011	71	3 A
CAC-RLY-4B	A500 RK225-052-CP			A I						E545/12	
CONTROL RELAY FOR CAC-FCV-4B			R 475	H.0/8.3	1 0	D			283011	218	3 A
CAC-RLY-4B/1234	A500 RK225-052CP			B I						09 E519/15	
INTLK V-13,15,FCV-1B,4B CAC-HR-1B			R 475	H.0/8.3	1 0	D			283011	71	3 A
CAC-RLY-CR5A	A109			B A						71-00-0104	
HR1 RELAY FOR CAC-V-1A			R 572	H.6/6.5	1 0	D			283013	71	3 A
CAC-RLY-CR5B	A109			B A						71-00-0104	
HR2+ RELAY FOR CAC-V-1B			R 572	H.6/6.5	1 0	D			283013	71	3 A
CAC-RLY-CR6A	A109			B A						71-00-0104	
HR1+ RELAY FOR CAC-V-3A			R 572	H.6/6.5	1 0	D			283013	71	3 A
CAC-RLY-CR6B	A109			B A						71-00-0104	
HR2+ RELAY FOR CAC-V-3B			R 572	H.4/8.0	1 0	D			283013	71	3 A

PROGRAM C1E-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00006
DATE 10/01/82

EPN	HFG	MODEL	STATUS	***SEISMIC (S) PARAMETERS***	TH HL TEST ANL FO C	FREQ	A/E DRAWING	A/E ZONE
DESCRIPTION	BLDG ELEV	DETAIL	USE	SAFETY FUNCTION	QID	CONTRACT	LEVEL EC	
CAC-RMS-11A2 RMS 11A FOR CR-4A ON LOCAL PANEL	A	R 572 M.6/6.5	R M	03	M554	71	612	A
CAC-RMS-1102 RMS FOR SYSTEM STARTUP	A	R 572 M.7/7.2	R M	03	71-00-Q104	71	63	A
CAC-RMS-1A1A LOCAL MANUAL START SWITCH	A	R 572 M.6/6.5	R M	03	71	71	3	A
CAC-RMS-1A1O LOCAL MANUAL STOP SWITCH	A	R 572 M.6/6.5	R M	03	71	71	3	A
CAC-RMS-1B1A LOCAL MANUAL START SWITCH	A	R 572 M.7/7.2	R M	03	71	71	3	A
CAC-RMS-1B1O LOCAL MANUAL STOP SWITCH	A	R 572 M.7/7.2	R M	03	71	71	3	A
CAC-RMS-ENC-1B RMS FOR CAC-ENC-1B	A	R 577 M.5/8.0	R M	03	M554	71	E2	A
CAC-RMS-PBA REMOTE MAN. CONTROL SWITCH	A	R 572 M.6/6.5	R M	03	71	71	3	A
CAC-RMS-PBB REMOTE MANUAL SWITCH	A	R 572 M.5/8.0	R M	03	71	71	3	A
CAC-TDS-1A TIME DELAY FOR INST. WARM-UP	A102 7012AH	R 574 M.2/5.7	A A	H 621	71-00-0104	338002	612	A
CAC-TDS-1B TIME DELAY FOR INST. WARM-UP	A109 7012AH	R 574 M.5/8.0	A A	H 621	71-00-0104	338002	64	A
CAC-TE-1A TEMP ELEMENT DISCH FROM CAC-FN-1A	T165 80500	R 577 M.5/6.6	A A	N 621	M554	339006 71	E13	A
CAC-TE-1A1 INPUT TO TEMP RECORDER 1A	T165 80500	R 580 M.5/6.6	A A	N 621	M554	339018 71	E13	P
CAC-TE-1A2 TEMPERATURE ELEMENT ON CAC-ENC-1A	A A	R 576 M.3/6.4	A A	N 621	M554	339018 71	E13	P
CAC-TE-1A3 TEMP ELEMENT ON CAC-ENC-1A	A A	R 576 M.3/6.4	A A	N 621	M554	339018 71	D14	P
CAC-TE-1A4 TEMP ELEMENT ON CAC-ENC-1A	A A	R 576 M.3/6.4	A A	N 621	M554	339018 71	D14	P
CAC-TE-1A5 TEMP ELEMENT ON CAC-ENC-1A	A A	R 576 M.3/6.4	A A	N 621	M554	339018 71	D14	P
CAC-TE-1A6 TEMP ELEMENT ON CAC-ENC-1A	T165 PQ-004-1371-109	R 573 M.3/6.4	A A	N 621	M554	339018 71	D	P

PROGRAM CIE-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00007
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EPN	MFG	MODEL	STATUS S E	SEISMIC (SI) PARAMETERS TH HL TEST ANL FO C FREQ A/E DRAWING A/E ZONE USE SAFETY FUNCTION QID CONTRACT LEVEL EC
DESCRIPTION	BLOG ELEV	DETAIL		
CAC-TE-1A7 TEMP ELEMENT ON OUTLT OF CAC-EHC-1A	T165 PQ-004-1371-102	A A	N 621	M554 D14 339018 71 2 P
CAC-TE-1B TEMP ELEMENT DISCH FROM CAC-FN-10	T165 P/D-004-1371-109	A A	N 621	M554 E3 339006 71 2 A
CAC-TE-1B1 INPUT TO TEMP RECORDER 1B	T165 80500	A A	N 621	M554 E3 339018 71 2 P
CAC-TE-1B2 TEMP ELEMENT ON CAC-EHC-1B	T165	A A	N 621	M554 E3 339018 71 2 P
CAC-TE-1B3 TEMP ELEMENT ON CAC-EHC-1B	T165	A A	N 621	M554 D2 339018 71 2 P
CAC-TE-1B4 TEMP ELEMENT ON CAC-EHC-1B	T165	A A	N 621	M554 D2 339018 71 2 P
CAC-TE-1B5 TEMP ELEMENT ON CAC-EHC-1B	T165	A A	N 621	M554 D2 339018 71 2 P
CAC-TE-1B6 TEMP ELEMENT ON CAC-EHC-1B	T165 PQ-004-137-109	A A	N 621	M554 D2 339018 71 2 P
CAC-TE-1B7 TEMP ELEMENT ON CAC-EHC-1B	T165 PQ-004-137-109	A A	N 621	M554 D2 339018 71 2 P
CAC-TE-2A PREHEATER 1A HI TEMP ALARM	T165 80500	A A	N 621	M554 E13 339006 71 2 A
CAC-TE-2B PREHEATER 1B HI TEMP ALARM	T165 80500	A A	N 621	M554 E2 339006 71 2 A
CAC-TE-3A PREHEATER 1A HI TEMP ALARM	T165 80500	A A	N 621	M554 E14 339006 71 2 A
CAC-TE-3B PREHEATER 1B HI TEMP ALARM	T165 80500	A A	N 621	M554 E2 339006 71 2 A
CAC-TE-4A TEMP ELEMENT DISCH FROM CAC-HS-1B	T165 80500	A A	N 621	M554 E14 339006 71 2 A
CAC-TE-4B TEMP ELEMENT DISCH FROM CAC-HS-1B	T165 80500	A A	N 621	M554 E4 339006 71 2 A
CAC-TE-5A PREHEATER 1A HI TEMP SHUTDOWN	T165 80500	A A	N 621	M544 D13 339006 71 2 A
CAC-TE-5B PREHEATER 1B HI TEMP SHUTDOWN	T165 HL-61385	A A	N 621	M554 D2 339006 71 2 A
CAC-TE-6A MOISTURE SEPTR 1A HI TEMP SHUTDOWN	T165 80500	A A	N 621	M554 E13 339006 71 2 A

EPN	MFG	MODEL	STATUS S E	***SEISMIC (S) PARAMETERS*** TH HL TEST ANL FO C	FREQ	A/E DRAWING	A/E ZONE
DESCRIPTION	DLDG ELEV	DETAIL	USE	SAFETY FUNCTION	R10	CONTRACT	LEVEL EC
CAC-TE-6B MOISTURE SEPTR 1B HI TEMP SHUTDOJN	T165	80500	A A	N 621	M554	E13	
		R 578 M.5/7.4	1 0	D	339006 71	2	A
CAC-TIC-1A TEMP CNTL DISCH CAC-MS-1A	B045	50-701003AAAA1	A A	N 621	M554	E13	
		R 575 M5/5.7	1 0	D	341001 71	3	A
CAC-TIC-1B TEMP CNTL DISCH CAC-MS-1B	B015	50-701003AAAA1	A A	N 621	M554	E4	
		R 572 M.5/8.0	1 0	D	341001 71	3	A
CAC-TR-1A1 TEMP RECORDER FOR RECOMB CAC-CR-1A	L130	SPEEDOMAXH	A	N 621	M554	E15	
		R 572 M.0/5.8	3 0		71	3	A
CAC-TR-1B1 TEMP RECORDER FOR RECOMB CAC-CR-1B	L130	SPEEDOMAX	A	N 621	M554	E1	
		R 572 M.5/8.0	3 0		71	3	A
CAC-IS-1A TEMP SWITCH DISCH CAC-FN-1A	M422	RBA/3W-100/D-X1-X9	A A	N 621	M554	E13	
		R 575 M.2/5.7	1 0	D	355007 71	3	A
CAC-IS-1B TEMP SWITCH DISCH CAC-FN-1B	M422	RBA/3W-100/D-X1-X9	A A	N 621	M554	E3	
		R 575 M.5/8.0	1 0	D	355007 71	3	A
CAC-IS-2A 0-1500F ON CAC-EHC-1A	M422	RBA/3W-400/D-X1-X9	A A	N 621	M554	E13	
		R 575 M.3/5.8	1 0	D	355007 71	3	A
CAC-IS-2B 0-1500F ON CAC-EHC-1B	M422	RBA/3W-400/D-X1-X9	A A	N 621	M554	E2	
		R 575 M.5/8.0	1 0	D	355007 71	3	A
CAC-IS-3A 0-1200F ON CAC-EHC-1A	M422	RBA/3W-400/D-X1-X9	A A	N 621	M554	E13	
		R 575 M.3/5.8	1 0	D	355007 71	3	A
CAC-IS-3B 0-1200F ON CAC-EHC-1B	M422	RBA/3W-400/D-X1-X9	A A	N 621	M554	E2	
		R 575 M.5/8.0	1 0	D	355007 71	3	A
CAC-IS-5A 0-1500F DISCH CAC-EHC-1A	M422	RBA/3W-400/D-X1-X9	A A	N 621	M554	E13	
		R 575 M.3/5.8	1 0	D	355007 71	3	A
CAC-IS-5B E-CP-CAC/HR10+	M422	RBA/3W-400/D-X1-X9	A A	N 621	M554	D2	
		R 575 M.5/8.0	1 0	D	355007 71	3	A
CAC-IS-6A 0-340F DISCH CAC-MS-1A	M422	RBA/3W-100/D-X1-X9	A A	N 621	M554	E13	
		R 575 M.3/5.8	1 0	D	355007 71	3	A
CAC-IS-6B 0-340F DISCH CAC-MS-1B	M422	RBA/3W-100/D-X1-X9	A A	N 621	M554	E4	
		R 575 M.5/8.0	1 0	D	355007 71	3	A
CAC-TT-1A TEMP TRANS DISCH CAC-MS-1A	B045	TYPE 740	A D	N 621	M554	E13	
		R 575 M.0/5.8	1 0	D	357001 71	3	A
CAC-TT-1B TEMP TRANS DISCH CAC-MS-1B	B045	TYPE 740	A D	N 621	M554	E4	
		R 575 M.5/8.0	1 0	D	357001 71	3	A
CAS-V-453 1" SQ OPER ROOT CTRL WU VAC DPK9S	H095	HV250-4	P		M510	K	
		R 479 M.3/	2 0	(1)	361009 215	2	

PROGRAM CIE-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
VHP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00009
DATE 10/01/82

EPN	MFG	MODEL	STATUS S E	***SEISMIC (S) PARAMETERS*** TH HL TEST ANL FO C FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
DESCRIPTION		BLQG ELEV	DETAIL	USE SAFETY FUNCTION	DID	
CEP-LMS-1A LMS FOR CEP-V-1A	N007	EA740R0100	A B	2 3 B1,F	200015 68	J13 2 A
CEP-LMS-1B LMS FOR CEP-V-1B	N007	1703100	A B	2 3 B1,F	200009 68	J13 2 A
CEP-LMS-2A LMS FOR CEP-V-2A	N007	EA740R0100	A B	2 3 B1,F	200015 68	M543 J13 2 A
CEP-LMS-2B LMS FOR CEP-V-2B	N007	1703100	A B	2 3 B1,F	200009 68	M543 J13 2 A
CEP-LMS-3A LMS FOR CEP-V-3A	N007	740R0100	A A	2 3 B1,F	200015 68	M543 C14 2 A
CEP-LMS-3B LMS FOR CEP-V-3B	N007	17031100	A A	2 3 B1,F	200009 68	C14 2 A
CEP-LMS-4A LMS FOR CEP-V-4A	N007	740R0100	A A	2 3 B1,F	200015 68	M543 C14 2 A
CEP-LMS-4B LMS FOR CEP-V-4B	N007	740R0100	A A	2 3 B1,F	200009 68	M543 C14 2 A
CEP-SPV-1A SOLENOID PILOT FOR CEP-V-1A IR-67	A499	WJHT831A76	A B	R N 114 03 2 3 B1,F	33+ M543 315004 58	K12 2 A
CEP-SPV-1B SOLENOID PILOT FOR CEP-V-1B IR-67	A499	WJHT831A54	B B	R N 114 03 2 3 B1,F	33+ M543 315004 58	J13 2 A
CEP-SPV-2A SOLENOID PILOT FOR CEP-V-2A IR-68	A499	WJHT831A76	A B	R N 114 03 2 3 B1,F	33+ M543 315004 58	K13 2 A
CEP-SPV-2B SOLENOID PILOT FOR CEP-V-2B IR-68	A499	WJHT831A54	B B	R N 114 03 2 3 B1,F	33+ M543 315004 58	J13 2 A
CEP-SPV-3A SOLENOID PILOT FOR CEP-V-3A IR-62	A499	WJHT831A54	B B	R N 114 03 2 3 B1,F	33+ M543 315004 58	C15 2 A
CEP-SPV-3B SOLENOID PILOT FOR CEP-V-3B IR-62	A499	WJHT831A54	B B	R N 114 03 2 3 B1,F	33+ M543 315004 58	C14 2 A
CEP-SPV-4A SOLENOID PILOT FOR CEP-V-4A IR-63	A499	WJHT831A76	B B	R N 114 03 2 3 B1,F	33+ M543 315004 58	C15 2 A
CEP-SPV-4B SOLENOID PILOT FOR CEP-V-4B IR-63	A499	WJHT831A54	B B	R N 114 03 2 3 B1,F	33+ M543 315004 58	C14 2 A
CIA-MO-20 MOTOR OPERATOR CIA-V-20	L200	SHD-000	A A	P N 114 1 3 01	33+ M556 221001 215	J6 2 A
CIA-MO-30A IHP MOTOR OPERATOR CIA-V-30A	L200	SHD-000-5/P48	A A	P N 114 1 3 01	33+ M556 221001 215	H6 2 A

PROGRAM CIE-SQRT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
VNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00010
DATE 10/01/82

EPN	MFG	MODEL	STATUS S E	SEISMIC (S) PARAMETERS TH HL TEST AHL FO C	FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
DESCRIPTION	BLOG ELEV	DETAIL	USE	SAFETY FUNCTION	QID		
CIA-MO-30B HHP MOTOR OPERATOR CIA-V-30B	L200	SMB-000-5/048	A A	P N 114	334	M556	F6
	R 545 H.5/7.0	1 3	BI		221001	215	2 A
CIA-PROG-1A 16 STEP PROGR. TO N2 BOTTLES SPV'S	8611	1820B1Q20XX	R T	F H 21 00	33	M556	J7
	R 556 H.8/H.8	1 0	C,E		254001	58	3 A
CIA-PROG-1B 20 STEP PROGR. TO N2 BOTTLE SPV'S	A611	1820B1Q20XX	R T	F H 21 00	33	M556	F7
	R 556 H.7/8.2	1 0	C,E		254001	58	3 A
CIA-PS-21A DIV.1 CIA N2 HDR PRESSURE IR-67	1204	D288	A A	R N 121	02	M556	J6
	R 557 H.8/H.8	1 3	C,E		256007	58	2 A
CIA-PS-21B DIV.2 CIA N2 HDR PRESSURE IR-68	1204	D288	B A	R N 121	02	M556	F6
	R 548 H.7/8.1	1 3	C,E		256007	58	2 A
CIA-PS-22A REMOTE LOCAL PS	A122	SB11AKR/1G1QA32	B A	R N 114	50	M556	H7
	R 548	2 3	G		256001	220	2 A
CIA-PS-22B CIA NITROGEN HEADER PRESSURE IR-68	A499	SB11AKR/1G1QA32	B A	R N 114	50	M556	G7
	R 548 H.8/5.7	2 3	G		256001	220	2 A
CIA-PS-29 PRESS SWITCH CONTAINMENT SUPPLY			R R			M556	K07
	R 522	2 0	G		256023	220	2 P
CIA-PS-39A CIA CROSSTIE TO CN BACKUP IR-71	H239	DAWZD23-BQ4	A A	F H 25 00	334	M556	J7
	R 525 H.8/7.0	2 3	G		256011	58	2 A
CIA-PS-39B CIA CROSSTIE TO CN BACKUP IR-74	H235	DAW-7Q23-BQ4-BDS	A A	H 25 00	334	M556	G7
	R 525 H.4/7.1	2 3	G		256011	58	2 A
CIA-PT-20 PT DOWNSTREAM OF CIA-AR-1	6080	712203	A B	R N 114	50	M556	K09
	R 522 J/6.7	2 0	G		259003	59	2 P
CIA-PT-21A CIA HEADER PRESS. IR-67	R369	1151GP7A22T0003PB	A B	R N 114	50	M556	J6
	R 548 H.8/5.7	1 3	I		259003	59	2 A
CIA-PT-21B CIA HEADER PRESS. IR-68	R369	1151GP7A22T0003B	A B	R N 114	50	M556	F6
	R 550 H.7/8.2	1 3	I		259003	59	2 A
CIA-RLY-21A CONTROL RELAY CLOSING ON LO PRESS	S440	219XBXP	R M			E519/18	F6
	R 548 H.8/5.7	1 0	E		283041	218	3 A
CIA-RLY-21B CONTROL RELAY CLOSING ON LO PRESS	S440	219XBXP	R M			E519/18	F6
	R 550 H.7/8.2	1 0	C,E		283041	218	3 A
CIA-SPV-10A 0.5" SOL PILOT ON N2 BOTTLE DISCH	H090	HV229HQ-S2	T T			M556	G8
	R 440 H.1/4.3	1 0	C		315023	215	2 A
CIA-SPV-10B 0.5" SOL PILOT ON N2 BOTTLE DISCH.	H090	HV229HQ-S2	T T			M556	F8
	R 440 H.1/7.0	1 0	C		315023	215	2 A
CIA-SPV-11A 0.5" SOL PILOT ON N2 BOTTLE DISCH	H090	HV229HQ-S2	T T			M556	G8
	R 440 H.1/4.3	1 0	C		315023	215	2 A

PROGRAM C1C-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WPP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00011
DATE 10/01/82

EPH	MFG DESCRIPTION	MODEL	BLOG ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***			FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TH	HL	TEST ANL FO C USE SAFETY FUNCTION			
CIA-SPV-110	M090 MV229HQ-S2			I I				M556		FB
0.5" SOL PILOT ON N2 BOTTLE DISCH		R 440 N.1/7.0			1	0	C	315023 215		2 A
CIA-SPV-12A	M090 MV229HQ-S2			I I				M556		GB
0.5" SOL PILOT ON N2 BOTTLE DISCH		R 440 N.1/4.3			1	0	C	315023 215		2 A
CIA-SPV-12B	M090 MV229HQ-S2			I I				M556		FB
0.5" SOL PILOT ON N2 BOTTLE DISCH		R 440 N.1/7.0			1	0	C	315023 215		2 A
CIA-SPV-13A	M090 MV229HQ-S2			I I				M556		GB
0.5" SOL PILOT ON N2 BOTTLE DISCH		R 440 N.1/4.3			1	0	C	315023 215		2 A
CIA-SPV-13B	M090 MV229HQ-S2			I I				M556		FB
0.5" SOL PILOT ON N2 BOTTLE DISCH		R 440 N.1/7.0			1	0	C	315023 215		2 A
CIA-SPV-14A	M090 MV229HQ-S2			I I				M556		GB
0.5" SOL PILOT ON N2 BOTTLE DISCH		R 440 N.1/4.3			1	0	C	315023 215		2 A
CIA-SPV-14B	M090 MV229HQ-S2			I I				M556		FB
.5" SOL PILOT VLV ON N2 BTTL DISCH		R 440 N.1/7.0			1	0	C	315023 215		2 A
CIA-SPV-15A	M090 MV229HQ-S2			I I				M556		GB
.5" SOL PILOT VLV ON N2 BTTL DISCH		R 440 N.1/4.3			1	0	C	315023 215		2 A
CIA-SPV-15B	M090 MV229HQ-S2			I I				M556		FB
.5" SOL PILOT VLV ON N2 BTTL DISCH		R 440 N.1/7.0			1	0	C	315023 215		2 A
CIA-SPV-16B	M090 MV229HQ-S2			I I				M556		FB
.5" SOL PILOT VLV ON N2 BTTL DISCH		R 440 N.1/4.3			1	0	C	315023 215		2 A
CIA-SPV-17B	M090 MV229HQ-S2			I I				M556		FB
.5" SOL PILOT VLV ON N2 BTTL DISCH		R 440 N.1/7.0			1	0	C	315023 215		2 A
CIA-SPV-18B	M090 MV229HQ-S2			I I				M556		FB
0.5" SOL PILOT ON N2 BOTTLE DISCH		R 440 N.1/4.3			1	0	B1	315023 215		2 A
CIA-SPV-19B	M090 MV229HQ-S2			I I				M556		FB
.5" SOL PILOT VLV ON N2 BTTL DISCH		R 440 N.1/7.0			1	0	C	315023 215		2 A
CIA-SPV-1A	M090 MV229HQ-S2			I I				M556		GB
0.5" SOL PILOT ON N2 BOTTLE DISCH		R 440 N.0/4.3			1	0	C	315023 215		2 A
CIA-SPV-1D	M090 MV229HQ-S2			I I				M556		FB
.5" SOL PILOT VLV ON N2 BTTL DISCH		R 440 N.1/7.0			1	0	C	315023 215		2 A
CIA-SPV-2A	M090 MV229HQ-S2			I I				M556		GB
.5" SOL PILOT VLV ON N2 BTTL DISCH		R 440 N.1/4.3			1	0	C	315023 215		2 A
CIA-SPV-2B	M090 MV229HQ-S2			I I				M556		FB
.5" SOL PILOT VLV ON N2 BTTL DISCH		R 440 N.1/7.0			1	0	C	315023 215		2 A
CIA-SPV-2A	M090 MV229HQ-S2			I I				M556		GB
.5" SOL PILOT VLV ON N2 BTTL DISCH		R 440 N.1/4.3			1	0	C	315023 215		2 A

PROGRAM CIE-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00012
DATE 10/01/82

EPN	MFG	MODEL	STATUS S E	***SEISMIC (S) PARAMETERS*** 1M HL TEST ANL FO C FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
DESCRIPTION	BLOG ELEV	DETAIL	USE	SAFETY FUNCTION	Q10	
CIA-SPV-3B .5" SOL PILOT VLV ON N2 BTTL DISCH	M090	MV229HQ-S2	I I	1 0 C	H556 315023 215	F8 2 A
CIA-SPV-3A .5" SOL PILOT VLV ON N2 BTTL DISCH	M090	MV229HQ-S2	I I	1 0 C	H556 315023 215	G8 2 A
CIA-SPV-4B .5" SOL PILOT VLV ON N2 BTTL DISCH	M090	MV229HQ-S2	I I	1 0 C	H556 315023 215	F8 2 A
CIA-SPV-5A .5" SOL PILOT VLV ON N2 BTTL DISCH	M090	MV229HQ-S2	I I	1 0 C	H556 315023 215	G8 2 A
CIA-SPV-5B .5" SOL PILOT VLV ON N2 BTTL DISCH	M090	MV229HQ-S2	I I	1 0 C	H556 315023 215	F8 2 A
CIA-SPV-6A .5" SOL PILOT VLV ON N2 BTTL DISCH	M090	MV229HQ-S2	I I	1 0 C	H556 315023 215	G8 2 A
CIA-SPV-6B .5" SOL PILOT VLV ON N2 BTTL DISCH	M090	MV229HQ-S2	I I	1 0 C	H556 315023 215	F8 2 A
CIA-SPV-7A .5" SOL PILOT VLV ON N2 BTTL DISCH	M090	MV229HQ-S2	I I	1 0 C	H556 315023 215	G8 2 A
CIA-SPV-7B .5" SOL PILOT VLV ON N2 BTTL DISCH	M090	MV229HQ-S2	I I	1 0 C	H556 315023 215	F8 2 A
CIA-SPV-8A .5" SOL PILOT VLV ON N2 BTTL DISCH	M090	MV229HQ-S2	I I	1 0 C	H556 315023 215	G8 2 A
CIA-SPV-8B .5" SOL PILOT VLV ON N2 BTTL DISCH	M090	MV229HQ-S2	I I	1 0 C	H556 315023 215	F8 2 A
CIA-SPV-9A .5" SOL PILOT VLV ON N2 BTTL DISCH	M090	MV229HQ-S2	I I	1 0 C	H556 315023 215	G8 2 A
CIA-SPV-9B .5" SOL PILOT VLV ON N2 BTTL DISCH	M090	MV229HQ-S2	I I	1 0 C	H556 315023 215	F8 2 A
CIA-TDS-1A 3 SEC DELAY FOR CIA-PROGR-1A			R H	1 0 C+E	E519/1B	D6 3 A
CIA-TDS-1B 3 SEC DELAY FOR CIA-PROGR-1B			R H	1 0 C+E	E519/1B	D6 3 A
CIA-TDS-39A CIA-PROG-1A 3 MIN DLY STRT, NORM UP	A500	RXHK1	D D	R 3 0	E519/1B 33A001 5A	E7 3 A
CIA-TDS-39B CIA-PROG-1B 3 MIN DLY STRT, NORM UP	A500	RXHK1	D D	R 3 0	E519/1B 33A001 5B	E7 3 A
CIA-V-39A .5" SOL AIR TIC TO H2 HDR	M090	MV229HS-S2		1 0 D1	H556 361009 215	H 2

PROGRAM CIE-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
UNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00013
DATE 10/01/82

EPN	DESCRIPTION	MFG	MODEL	BLOC ELEV	STATUS S E DETAIL	SEISMIC (S) PARAMETERS TH HL TEST ANL FO C USE SAFETY FUNCTION	FREQ QID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
CIA-V-39B	5" SOL. AIR TIC TO H2 HDR	M090	MV229MS-S2		T Y				
				R 540 H.8/7.7		1 0 B1	361009	M556 215	F7 2 A
CHS-AY-1	H2O2 ANALYZER	B135	7C1H2)AND 755(02)		P A				
			SR-13	R 548 H6/4.5		1 3 1	025002	M543 928	E6 2 A
CHS-AY-2	H2O2 ANALYZER	B135	7C1H2)AND 755(02)		P A				
				R 548 H6/4.5		1 3 1	025002	M543 928	H14 2 A
CHS-LT-1	SUPPRES.CHAMB.VTR.LEVEL MONIT.IR-	R369	1151		B D				
				R 465 J.5/4.3		1 3 1	50 209007	M543 59	B14 2 A
CHS-LT-2	SUPPRES.CHAMB.VTR.LEVEL MONIT IR	R369	10P4022T003PB		A B				
				R 464 H.2/7.7		1 3 1	50 209007	M543 59	B6 2 A
CHS-ME-1	ME FOR DRYWELL	P047	600-02A		D D				
				C 536 190 D AZ		1 3 1	217002	M543 220	E13 2 A
CHS-ME-2	ME FOR DRYWELL	P047	600-02A		D D				
				C 536 195 D AZ		1 3 1	217002	M543 220	F7 2 A
CHS-ME-3	ME FOR DRYWELL	P047	600-02A		D D				
				C 536 195 D AZ		1 3 1	217002	M543 220	E7 2 A
CHS-ME-4	ME FOR DRYWELL	P047	600-02A		D D				
				R 536 190 D AZ		1 3 1	217002	M543 220	E13 2 A
CHS-ME-5	ME FOR DRYWELL	P047	600-02A		D D				
				R 536 45 D AZ		1 3 1	217002	M543 220	E7 2 A
CHS-MT-1	MT FOR DRYWELL	P047	M26E		R D				
				C 536		1 3 1	224001	M543 220	F13 3 A
CHS-MT-2	MT FOR DRYWELL	P047	M26E		R D				
				C 536		1 3 1	224001	M543 220	F7 3 A
CHS-MT-3	MT FOR DRYWELL	P047	M26E		R D				
				R 536		1 3 1	224001	M543 220	E7 3 A
CHS-MT-4	MT FOR DRYWELL	P047	M26E		R D				
				R 536		1 3 1	224001	M543 220	E13 3 A
CHS-MT-5	MT FOR DRYWELL	P047	M26E		R D				
				R 536		1 3 1	224001	M543 220	E7 3 A
CHS-PT-1	CONTAINMENT PRESS. MONITORING IR-6	R369	1151GP4A22MBGF3		A H				
				R 555 5.8/H.8		R H 114 1 3 1	50 259003	M543 58	F13 2 A
CHS-PT-2	CONTAINMENT PRESS MONITORING IR-10	R369	1151GP7A22MBGE3		A D				
				R 551 8.2/H.7		R H 114 1 3 1	50 259003	M543 58	G7 2 A
CHS-PT-2R	PRIMARY CONT. PRESS.	R369	163C1564P442203		A D				
				R 550 H.7/R.2		R H 114 2 0 G	50 259003	M543 59	G7 2 A

PROGRAM CIE-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
UNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00014
DATE 10/01/82

EPN	HFG	MODEL	BLOG. ELEV.	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***			FREQ	A/E DRAWING CONTRACT	A/E-ZONE LEVEL EC
					TH	HL	TEST ANL FO C USE SAFETY FUNCTION			
CMS-PT-3	R369	1151GRZA22MBGE3	A.B	R M 114	50	M543	C15			
SUPPRES.CHAMB.PRESS.MONITOR IR-66		R 501 N.0/5.1	1 0	1	259003	59	2	A		
CMS-PT-4	R369	1151GPZA227AGE3	A.B	R M 114	50	M543	B6			
SUPPRES.CHAMB.PRESS.MONITOR IR-63		R 501 L.4/9.3	1 0	1	259003	59	2	A		
CMS-PT-5	R369	1151GT7A22MBGE3	A.B	R M 114	50	M543	G13			
CONTAINMENT PRESS.MONITORING IR-57		R 555 5.8/H.8	1 3	1	259003	59	2	A		
CMS-PT-6	R369	1151GP9A22MBGE3	A.B	R M 114	50	M543	H7			
CONTAINMENT PRESS.MONITORING IR-68		R 551 8.2/H.7	1 3	1	259003	59	2	A		
CMS-PT-6R	R369	1GR7A22IDQ3PB	A.B	R M 114	50	M543	H7			
CONTAINMENT PRESS.HIGH RANGE		R 550 N.7/R.2	2 0	6	259003	59	2	A		
CMS-RE-12A			D.P			M543	F13			
RE FOR DRYWELL		R	1 3	1			2	A		
CMS-RE-12B			D.P			M543	F6			
RE FOR DRYWELL		R	1 3	1			2	A		
CMS-RE-27B	R220	RS-C4-1606-203	D.O			M543	G3			
RE FOR LOCA DRYWELL MONITOR		R 526 K.3/7.1	1 3	1	277005	92B	2	A		
CMS-RE-27D	R220	RS-C4-1606-203	D.O			M543	G3			
RAD ELEMENT ELEVATED RELEASE PT.		R 611 H.3/6.2	1 3	1	277005	92B	2	A		
CMS-TE-21	H329	TC-2370-BB-A-250-11	D.N	Y		M543	D10			
REACTOR DRYWELL		C 515 264 DEG AZ	1 3	1	339002	218	2	A		
CMS-TE-22	H329	TC-2370-BB-250-11	D.N	Y		M543	D10			
REACTOR DRYWELL		C 515 276 DEG AZ	1 3	1	339002	218	2	A		
CMS-TE-23	H329	TC-2370-BB-A-250-11	D.N	Y		M543	C10			
REACTOR DRYWELL		C 515 71 DEG AZ	1 3	1	339002	218	2	A		
CMS-TE-41	H329	TC-113X-T-A-24-3	B.N	Y	.02	33+	M543	B13		
TE FOR SUPPRESSION POOL WATER		C 451 2 DEG AZ	1 0	1	339002	218	2	A		
CMS-TE-42	H329	TC-113X-T-A-24-3	B.N	Y	.02	33+	M543	B6		
TE FOR SUPPRESSION POOL AIR		C 492 225 DEG AZ	1 0	1	339002	218	2	A		
CMS-TE-43	H329	TC-113X-T-A-24-3	B.N	Y	.02	33+	M543	B6		
TE FOR SUPPRESSION POOL WATER		C 451 225 DEG AZ	1 0	1	339002	218	2	A		
CMS-TE-44	H329	TC-113X-T-A-24-3	B.N	Y	.02	33+	M543	B13		
TE FOR SUPPRESSION POOL AIR		C 492 2 DEG AZ	1 0	1	339002	218	2	A		
CRA-M-1A1	R165	/365TCZ	R.H	Y		M543	D12			
MOTOR FOR CRA-FH-1A1		C 501 62 D AZ R3C	2 3	N	213039	67	2	A		
CRA-M-1A2	R165	/444TCZ		Y		M543				
MOTOR FOR CRA-FH-1A2		C 501 66 D AZ R3C	2 3	N	213040	67	2	A		

PROGRAM CIE-SQRT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
UNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00015
DATE 10/01/82

EPN	MFG DESCRIPTION	MODEL	STATUS S C BLDG ELEV	DETAIL	***SEISMIC (S) PARAMETERS***				FREQ OID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TH	HL	TEST	ANL FO C			
					USE	SAFETY	FUNCTION				
CRA-M-1B1	R165 /365TCZ		R M		Y						
MOTOR FOR CRA-FN-1B1			C 501 182 D AZ R30		2 3	N			213039	H543 67	D11 2 A
CRA-M-1B2	R165 /444TCZ		R M		Y						
MOTOR FOR CRA-FN-1B2			C 501 186 D AZ R30		2 3	N			213040	H543 67	D11 2 A
CRA-M-1C1	R165 /365TCZ		R M		Y						
MOTOR FOR CRA-FN-1C1			C 501 271 D AZ R30		2 3	N			213039	H543 67	D9 2 A
CRA-M-1C2	R165 /444TCZ		R M		Y						
MOTOR FOR CRA-FN-1C2			C 501 275 D AZ R30		2 3	N			213040	H543 67	D8 2 A
CRA-M-2A1	R165 1365TCZ		R M		Y						
75HP/37.6A MOTOR FOR CRA-FN-2A1			C 522 270 DEG		2 3	N				H543 67	H11 2 A
CRA-M-2A2	R165		R M		Y						
30HP/65-36A MOTOR FOR CRA-FN-2A2			C 522 270 DEG		2 3	N				H543 67	H11 2 A
CRA-M-2B1	R165		R M		Y						
75HP/7A MOTOR FOR CRA-FN-2B1			C 522		2 3	N				H543 67	H9 2 A
CRA-M-2B2	R165		R M		Y						
25HP/7A MOTOR FOR CRA-FN-2B2			C 522		2 3	N				H543 67	H9 2 A
CRA-M-3A	R165 600287-0/AOM		R M		Y						
10HP/17.1A MTR DRIVER CRA-FN-3A			C 534 50 D AZ R17		1 3	D			213037	H543 22A	F12 2 A
CRA-M-3B	R165 600287-0/AOM		R M		Y						
10HP/17.1A MTR DRIVER CRA-FN-3B			C 534 140 D AZ R17		1 3	D			213037	H543 22A	F9 2 A
CRA-M-3C	R165 600287-0/AOM		R M		Y						
10HP/17.1A MTR DRIVER CRA-FN-3C			C 534 60 D AZ R17		1 3	D			213037	H543 22A	F8 2 A
CRA-M-4A	R165 600287-9/AOM		R M		Y						
7.5HP/7A MTR DRIVER FOR CRA-FN-4A			C 572 350 D AZ R17		1 3	D			213038	H543 22A	J10 2 A
CRA-M-4B	R165 600287-9/AOM		R M		Y						
7.5HP/7A MTR DRIVER FOR CRA-FN-4B			C 572 206 D AZ R17		1 3	D			213038	H543 22A	J9 2 A
CRA-M-5A	R165 FRAME #324TCZ		R M		Y						
10HP/17.1A MTR DRIVER CRA-FN-5A			C 572 180 D AZ R17		1 3	D			213050	H543 22A	J8 2 A
CRA-M-5B	R165 FRAME #324TCZ		R M		Y						
10HP/17.1A MTR DRIVER CRA-FN-5B			C 572 20 D AZ R17		1 3	D			213050	H543 22A	J11 2 A
CRA-M-5C	R165 FRAME #324TCZ		R B		Y						
10HP/17.1A MTR DRIVER CRA-FN-5C			C 572 270 D AZ R17		1 3	D			213050	H543 22A	H8 2 A
CRA-M-5D	R165 600287-0/AOM		R M		Y						
10HP/17.1A MTR DRIVER CRA-FN-5D			C 572 90 D AZ P17		1 3	D			213050	H543 22A	H11 2 A
CRD-E/P-1	GONO 15AR7013P7		R D								
ELECTRIC/PNEUMATIC CONVERTER			R 524 P.P./3.A		2 1	A			104001	H528 02	CB 2 A

EPN	MFG	MODEL	STATUS S E	BLDG ELEV	DETAIL	***SEISMIC (S) PARAMETERS*** TM HL TEST ANL FO C	FREQ	A/E DRAWING	A/E ZONE
DESCRIPTION						USE SAFETY FUNCTION	OID	CONTRACT	LEVEL EC
CRD-LS-129/0219	G050		A B			N 612		M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/R.4			3 3	A	207013	02C12	2 A
CRD-LS-129/0223	G050		A B			N 612		M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/R.4			3 3	A	207013	02C12	2 A
CRD-LS-129/0227	G050		A B			N 612		M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/R.4			3 3	A	207013	02C12	2 A
CRD-LS-129/0231	G050		A B			N 612		M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/R.4			3 3	A	207013	02C12	2 A
CRD-LS-129/0235	G050		A B			N 612		M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/R.4			3 3	A	207013	02C12	2 A
CRD-LS-129/0239	G050		A B			N 612		M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/R.4			3 3	A	207013	02C12	2 A
CRD-LS-129/0243	G050		A B			N 612		M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/R.4			3 3	A	207013	02C12	2 A
CRD-LS-129/0615	G050		A B			N 612		M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/R.4			3 3	A	207013	02C12	2 A
CRD-LS-129/0619	G050		A B			N 612		M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/R.4			3 3	A	207013	02C12	2 A
CRD-LS-129/0623	G050		A B			N 612		M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/R.4			3 3	A	207013	02C12	2 A
CRD-LS-129/0627	G050		A B			N 612		M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/R.4			3 3	A	207013	02C12	2 A
CRD-LS-129/0631	G050		A B			N 612		M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/R.4			3 3	A	207013	02C12	2 A
CRD-LS-129/0635	G050		A B			N 612		M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/R.4			3 3	A	207013	02C12	2 A
CRD-LS-129/0639	G050		A B			N 612		M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/R.4			3 3	A	207013	02C12	2 A
CRD-LS-129/0643	G050		A B			N 612		M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/R.4			3 3	A	207013	02C12	2 A
CRD-LS-129/0647	G050		A B			N 612		M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/R.4			3 3	A	207013	02C12	2 A
CRD-LS-129/1011	G050		A B			N 612		M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/R.4			3 3	A	207013	02C12	2 A
CRD-LS-129/1015	G050		A B			N 612		M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/R.4			3 3	A	207013	02C12	2 A

EPH	MFG DESCRIPTION	MODEL	BLDG. ELEV	STATUS S E DETAIL	...SEISMIC (S) PARAMETERS...				FREQ QID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TH	HL	TEST	ANL FO C			
					USE		SAFETY	FUNCTION			
CRD-LS-129/1019	G050			A B		N	612			M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/R.4		3 3	A				207013	02C12	2 A
CRD-LS-129/1023	G050			A B		N	612			M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/R.4		3 3	A				207013	02C12	2 A
CRD-LS-129/1027	G050			A B		N	612			M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/R.4		3 3	A				207013	02C12	2 A
CRD-LS-129/1031	G050			A B		N	612			M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/R.4		3 3	A				207013	02C12	2 A
CRD-LS-129/1035	G050			A B		N	612			M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/R.4		3 3	A				207013	02C12	2 A
CRD-LS-129/1039	G050			A B		N	612			M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/R.4		3 3	A				207013	02C12	2 A
CRD-LS-129/1043	G050			A B		N	612			M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/R.4		3 3	A				207013	02C12	2 A
CRD-LS-129/1047	G050			A B		N	612			M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/R.4		3 3	A				207013	02C12	2 A
CRD-LS-129/1051	G050			A B		N	612			M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/R.4		3 3	A				207013	02C12	2 A
CRD-LS-129/1407	G050			A B		N	612			M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/R.4		3 3	A				207013	02C12	2 A
CRD-LS-129/1411	G050			A B		N	612			M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/R.4		3 3	A				207013	02C12	2 A
CRD-LS-129/1415	G050			A B		N	612			M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/R.4		3 3	A				207013	02C12	2 A
CRD-LS-129/1419	G050			A B		N	612			M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/R.4		3 3	A				207013	02C12	2 A
CRD-LS-129/1423	G050			A B		N	612			M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/R.4		3 3	A				207013	02C12	2 A
CRD-LS-129/1427	G050			A B		N	612			M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/R.4		3 3	A				207013	02C12	2 A
CRD-LS-129/1431	G050			A B		N	612			M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/R.4		3 3	A				207013	02C12	2 A
CRD-LS-129/1435	G050			A B		N	612			M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/R.4		3 3	A				207013	02C12	2 A
CRD-LS-129/1439	G050			A B		N	612			M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/R.4		3 3	A				207013	02C12	2 A

EPH	MFG	MODEL	STATUS S E	***SEISMIC (S) PARAMETERS*** TM HL TEST ANL FO C	FREQ	A/E DRAWING	A/E ZONE
DESCRIPTION	BLOG ELEV	DETAIL	USE	SAFETY FUNCTION	DID	CONTRACT	LEVEL EC
CRD-LS-129/1443	G050	A B	N 612	M528	C4		
LIQUID LEVEL 60CC ACCUM WATER LEAK	R 522 K2/8.4	3 3	A	207013	02C12	2	A
CRD-LS-129/1447	G050	A B	N 612	M528	C4		
LIQUID LEVEL 60CC ACCUM WATER LEAK	R 522 K2/8.4	3 3	A	207013	02C12	2	A
CRD-LS-129/1451	G050	A B	N 612	M528	C4		
LIQUID LEVEL 60CC ACCUM WATER LEAK	R 522 K2/8.4	3 3	A	207013	02C12	2	A
CRD-LS-129/1455	G050	A B	N 612	M528	C4		
LIQUID LEVEL 60CC ACCUM WATER LEAK	R 522 K2/8.4	3 3	A	207013	02C12	2	A
CRD-LS-129/1803	G050	A B	N 612	M528	C4		
LIQUID LEVEL 60CC ACCUM WATER LEAK	R 522 L5/8.4	3 3	A	207013	02C12	2	A
CRD-LS-129/1807	G050	A B	N 612	M528	C4		
LIQUID LEVEL 60CC ACCUM WATER LEAK	R 522 L5/8.4	3 3	A	207013	02C12	2	A
CRD-LS-129/1811	G050	A B	N 612	M528	C4		
LIQUID LEVEL 60CC ACCUM WATER LEAK	R 522 L5/8.4	3 3	A	207013	02C12	2	A
CRD-LS-129/1815	G050	A B	N 612	M528	C4		
LIQUID LEVEL 60CC ACCUM WATER LEAK	R 522 L5/8.4	3 3	A	207013	02C12	2	A
CRD-LS-129/1819	G050	A B	N 612	M528	C4		
LIQUID LEVEL 60CC ACCUM WATER LEAK	R 522 L5/8.4	3 3	A	207013	02C12	2	A
CRD-LS-129/1823	G050	A B	N 612	M528	C4		
LIQUID LEVEL 60CC ACCUM WATER LEAK	R 522 L5/8.4	3 3	A	207013	02C12	2	A
CRD-LS-129/1827	G050	A B	N 612	M528	C4		
LIQUID LEVEL 60CC ACCUM WATER LEAK	R 522 L5/8.4	3 3	A	207013	02C12	2	A
CRD-LS-129/1831	G050	A B	N 612	M528	C4		
LIQUID LEVEL 60CC ACCUM WATER LEAK	R 522 L5/8.4	3 3	A	207013	02C12	2	A
CRD-LS-129/1835	G050	A B	N 612	M528	C4		
LIQUID LEVEL 60CC ACCUM WATER LEAK	R 522 K2/8.4	3 3	A	207013	02C12	2	A
CRD-LS-129/1839	G050	A B	N 612	M528	C4		
LIQUID LEVEL 60CC ACCUM WATER LEAK	R 522 K2/8.4	3 3	A	207013	02C12	2	A
CRD-LS-129/1843	G050	A B	N 612	M528	C4		
LIQUID LEVEL 60CC ACCUM WATER LEAK	R 522 K2/8.4	3 3	A	207013	02C12	2	A
CRD-LS-129/1847	G050	A B	N 612	M528	C4		
LIQUID LEVEL 60CC ACCUM WATER LEAK	R 522 K2/8.4	3 3	A	207013	02C12	2	A
CRD-LS-129/1851	G050	A B	N 612	M528	C4		
LIQUID LEVEL 60CC ACCUM WATER LEAK	R 522 K2/8.4	3 3	A	207013	02C12	2	A
CRD-LS-129/1855	G050	A B	N 612	M528	C4		
LIQUID LEVEL 60CC ACCUM WATER LEAK	R 522 K2/8.4	3 3	A	207013	02C12	2	A

EPN	HFG DESCRIPTION	MODEL BLDG ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***				FREQ PID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
				TH	HL	TEST	AHL FO C SAFETY FUNCTION			
CRD-LS-129/1859	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK	R 522 K2/B.4	A B	N	612			207013	H528 02C12	C4 2 A
CRD-LS-129/2203	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK	R 522 L5/B.4	A B	N	612			207013	H528 02C12	C4 2 A
CRD-LS-129/2207	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK	R 522 L5/B.4	A B	N	612			207013	H528 02C12	C4 2 A
CRD-LS-129/2211	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK	R 522 L5/B.4	A B	N	612			207013	H528 02C12	C4 2 A
CRD-LS-129/2215	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK	R 522 L5/B.4	A B	N	612			207013	H528 02C12	C4 2 A
CRD-LS-129/2219	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK	R 522 L5/B.4	A B	N	612			207013	H528 02C12	C4 2 A
CRD-LS-129/2223	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK	R 522 L5/B.4	A B	N	612			207013	H528 02C12	C4 2 A
CRD-LS-129/2227	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK	R 522 L5/B.4	A B	N	612			207013	H528 02C12	C4 2 A
CRD-LS-129/2231	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK	R 522 L5/B.4	A B	N	612			207013	H528 02C12	C4 2 A
CRD-LS-129/2235	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK	R 522 K2/B.4	A B	N	612			207013	H528 02C12	C4 2 A
CRD-LS-129/2239	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK	R 522 K2/B.4	A B	N	612			207013	H528 02C12	C4 2 A
CRD-LS-129/2243	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK	R 522 K2/B.4	A B	N	612			207013	H528 02C12	C4 2 A
CRD-LS-129/2247	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK	R 522 K2/B.4	A B	N	612			207013	H528 02C12	C4 2 A
CRD-LS-129/2251	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK	R 522 K2/B.4	A B	N	612			207013	H528 02C12	C4 2 A
CRD-LS-129/2255	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK	R 522 K2/B.4	A B	N	612			207013	H528 02C12	C4 2 A
CRD-LS-129/2259	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK	R 522 K2/B.4	A B	N	612			207013	H528 02C12	C4 2 A
CRD-LS-129/2603	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK	R 522 L5/P.4	A B	N	612			207013	H528 02C12	C4 2 A
CRD-LS-129/2407	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK	R 522 L5/P.4	A B	N	612			207013	H528 02C12	C4 2 A

EPN	MFG	MODEL	STATUS	TH	HL	TEST	ANL	FO	C	FREQ	A/E	DRAWING	A/E	ZONE
DESCRIPTION		BLOG ELEV	DETAIL	USE	SAFETY FUNCTION			QID	CONTRACT		LEVEL EC			
CRD-LS-129/2611	G050		A B		H	612				M528			C4	
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/R.4		3 3	A					207013	02C12		2	A
CRD-LS-129/2615	G050		A B		H	612				M528			C4	
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/R.4		3 3	A					207013	02C12		2	A
CRD-LS-129/2619	G050		A B		H	612				M528			C4	
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/R.4		3 3	A					207013	02C12		2	A
CRD-LS-129/2623	G050		A B		H	612				M528			C4	
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/R.4		3 3	A					207013	02C12		2	A
CRD-LS-129/2627	G050		A B		H	612				M528			C4	
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/R.4		3 3	A					207013	02C12		2	A
CRD-LS-129/2631	G050		A B		H	612				M528			C4	
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/R.4		3 3	A					207013	02C12		2	A
CRD-LS-129/2635	G050		A B		H	612				M528			C4	
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/R.4		3 3	A					207013	02C12		2	A
CRD-LS-129/2639	G050		A B		H	612				M528			C4	
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/R.4		3 3	A					207013	02C12		2	A
CRD-LS-129/2643	G050		A B		H	612				M528			C4	
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/R.4		3 3	A					207013	02C12		2	A
CRD-LS-129/2647	G050		A B		H	612				M528			C4	
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/R.4		3 3	A					207013	02C12		2	A
CRD-LS-129/2651	G050		A B		H	612				M528			C4	
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/R.4		3 3	A					207013	02C12		2	A
CRD-LS-129/2655	G050		A B		H	612				M528			C4	
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/R.4		3 3	A					207013	02C12		2	A
CRD-LS-129/2659	G050		A B		H	612				M528			C4	
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/R.4		3 3	A					207013	02C12		2	A
CRD-LS-129/3003	G050		A B		H	612				M528			C4	
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/R.4		3 3	A					207013	02C12		2	A
CRD-LS-129/3007	G050		A B		H	612				M528			C4	
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/R.4		3 3	A					207013	02C12		2	A
CRD-LS-129/3011	G050		A B		H	612				M528			C4	
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/R.4		3 3	A					207013	02C12		2	A
CRD-LS-129/3015	G050		A B		H	612				M528			C4	
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/R.4		3 3	A					207013	02C12		2	A
CRD-LS-129/3019	G050		A B		H	612				M528			C4	
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/R.4		3 3	A					207013	02C12		2	A

EPN	HFG DESCRIPTION	MODEL	STATUS S E BLDG ELEV DETAIL	***SEISMIC (S) PARAMETERS***			FREQ QID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
				TM	HL	TEST ANL FO C USE SAFETY FUNCTION			
CRD-LS-129/3023	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK		A B R 522 L5/R.4	N	612	A	207013	H528 02C12	C4 2 A
CRD-LS-129/3027	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK		A B R 522 L5/R.4	N	612	A	207013	H528 02C12	C4 2 A
CRD-LS-129/3031	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK		A B R 522 K2/3.7	N	612	A	207013	H528 02C12	C4 2 A
CRD-LS-129/3035	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK		A B R 522 K2/3.7	N	612	A	207013	H528 02C12	C4 2 A
CRD-LS-129/3039	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK		A B R 522 K2/3.7	N	612	A	207013	H528 02C12	C4 2 A
CRD-LS-129/3043	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK		A B R 522 K2/3.7	N	612	A	207013	H528 02C12	C4 2 A
CRD-LS-129/3047	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK		A B R 522 K2/3.7	N	612	A	207013	H528 02C12	C4 2 A
CRD-LS-129/3051	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK		A B R 522 K2/3.7	N	612	A	207013	H528 02C12	C4 2 A
CRD-LS-129/3055	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK		A B R 522 K2/3.7	N	612	A	207013	H528 02C12	C4 2 A
CRD-LS-129/3059	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK		A B R 522 K2/3.7	N	612	A	207013	H528 02C12	C4 2 A
CRD-LS-129/3403	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK		A B R 522 L5/3.7	N	612	A	207013	H528 02C12	C4 2 A
CRD-LS-129/3407	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK		A B R 522 L5/3.7	N	612	A	207013	H528 02C12	C4 2 A
CRD-LS-129/3411	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK		A B R 522 L5/3.7	N	612	A	207013	H528 02C12	C4 2 A
CRD-LS-129/3415	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK		A B R 522 L5/3.7	N	612	A	207013	H528 02C12	C4 2 A
CRD-LS-129/3419	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK		A B R 522 L5/3.7	N	612	A	207013	H528 02C12	C4 2 A
CRD-LS-129/3423	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK		A B R 522 L5/3.7	N	612	A	207013	H528 02C12	C4 2 A
CRD-LS-129/3427	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK		A B R 522 L5/3.7	N	612	A	207013	H528 02C12	C4 2 A
CRD-LS-129/3431	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK		A B R 522 K2/3.7	N	612	A	207013	H528 02C12	C4 2 A

EPH	MFG	MODEL	STATUS S E	***SEISMIC (S) PARAMETERS*** TH HL TEST ANL FO C	FREQ	A/E DRAWING	A/E ZONE
DESCRIPTION		LOG ELEV	DETAIL	USE SAFETY FUNCTION	OID	CONTRACT	LEVEL EC
CRD-LS-129/3435	G050		A B	H 612	M528	C4	
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/3.7	3 3	A	207013	02C12	2 A
CRD-LS-129/3439	G050		A B	H 612	M528	C4	
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/3.7	3 3	A	207013	02C12	2 A
CRD-LS-129/3443	G050		A B	H 612	M528	C4	
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/3.7	3 3	A	207013	02C12	2 A
CRD-LS-129/3447	G050		A B	H 612	M528	C4	
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/3.7	3 3	A	207013	02C12	2 A
CRD-LS-129/3451	G050		A B	H 612	M528	C4	
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/3.7	3 3	A	207013	02C12	2 A
CRD-LS-129/3455	G050		A B	H 612	M528	C4	
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/3.7	3 3	A	207013	02C12	2 A
CRD-LS-129/3459	G050		A B	H 612	M528	C4	
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/3.7	3 3	A	207013	02C12	2 A
CRD-LS-129/3803	G050		A B	H 612	M528	C4	
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/3.7	3 3	A	207013	02C12	2 A
CRD-LS-129/3807	G050		A B	H 612	M528	C4	
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/3.7	3 3	A	207013	02C12	2 A
CRD-LS-129/3811	G050		A B	H 612	M528	C4	
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L6/3.7	3 3	A	207013	02C12	2 A
CRD-LS-129/3815	G050		A B	H 612	M528	C4	
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/3.7	3 3	A	207013	02C12	2 A
CRD-LS-129/3819	G050		A B	H 612	M528	C4	
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/3.7	3 3	A	207013	02C12	2 A
CRD-LS-129/3823	G050		A B	H 612	M528	C4	
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/3.7	3 3	A	207013	02C12	2 A
CRD-LS-129/3827	G050		A B	H 612	M528	C4	
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/3.7	3 3	A	207013	02C12	2 A
CRD-LS-129/3831	G050		A B	H 612	M528	C4	
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/3.7	3 3	A	207013	02C12	2 A
CRD-LS-129/3835	G050		A B	H 612	M528	C4	
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/3.7	3 3	A	207013	02C12	2 A
CRD-LS-129/3839	G050		A B	H 612	M528	C4	
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/3.7	3 3	A	207013	02C12	2 A
CRD-LS-129/3843	G050		A B	H 612	M528	C4	
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/3.7	3 3	A	207013	02C12	2 A

EPN	MFG	MODEL	STATUS		***SEISMIC (S) PARAMETERS***					FREQ	A/E DRAWING	A/E ZONE
			S	E	TH	HL	TEST	ANL	FO C			
DESCRIPTION		HLDG ELEV	DETAIL		USE	SAFETY FUNCTION				OID	CONTRACT	LEVEL EC
CRD-LS-129/3847	G050		A	B		N	612				M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/3.7			3 3	A				207013	02C12	2 A
CRD-LS-129/3851	G050		A	B		N	612				M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/3.7			3 3	A				207013	02C12	2 A
CRD-LS-129/3855	G050		A	B		N	612				M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/3.7			3 3	A				207013	02C12	2 A
CRD-LS-129/3859	G050		A	B		N	612				M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/3.7			3 3	A				207013	02C12	2 A
CRD-LS-129/4203	G050		A	D		N	612				M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/3.7			3 3	A				207013	02C12	2 A
CRD-LS-129/4207	G050		A	B		N	612				M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/3.7			3 3	A				207013	02C12	2 A
CRD-LS-129/4211	G050		A	B		N	612				M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/3.7			3 3	A				207013	02C12	2 A
CRD-LS-129/4215	G050		A	B		N	612				M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/3.7			3 3	A				207013	02C12	2 A
CRD-LS-129/4219	G050		A	B		N	612				M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/3.7			3 3	A				207013	02C12	2 A
CRD-LS-129/4223	G050		A	B		N	612				M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/3.7			3 3	A				207013	02C12	2 A
CRD-LS-129/4227	G050		A	B		N	612				M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/3.7			3 3	A				207013	02C12	2 A
CRD-LS-129/4231	G050		A	B		N	612				M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/3.7			3 3	A				207013	02C12	2 A
CRD-LS-129/4235	G050		A	B		N	612				M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/3.7			3 3	A				207013	02C12	2 A
CRD-LS-129/4239	G050		A	B		N	612				M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/3.7			3 3	A				207013	02C12	2 A
CRD-LS-129/4243	G050		A	B		N	612				M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/3.7			3 3	A				207013	02C12	2 A
CRD-LS-129/4247	G050		A	B		N	612				M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/3.7			3 3	A				207013	02C12	2 A
CRD-LS-129/4251	G050		A	B		N	612				M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/3.7			3 3	A				207013	02C12	2 A
CRD-LS-129/4255	G050		A	B		N	612				M528	C4
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/3.7			3 3	A				207013	02C12	2 A

FPH	HFG DESCRIPTION	MODEL	BLOG ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***		FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					1M HL TEST A/HL FO C USE SAFETY FUNCTION	QID			
CRD-LS-129/4259	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/3.7	A B	N 612 A		207013	H528 02C12	C4 2 A
CRD-LS-129/4607	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/3.7	A B	N 612 A		207013	H528 02C12	C4 2 A
CRD-LS-129/4611	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/3.7	A B	N 612 A		207013	H528 02C12	C4 2 A
CRD-LS-129/4615	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/3.7	A B	N 612 A		207013	H528 02C12	C4 2 A
CRD-LS-129/4619	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/3.7	A B	N 612 A		207013	H528 02C12	C4 2 A
CRD-LS-129/4623	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/3.7	A B	N 612 A		207013	H528 02C12	C4 2 A
CRD-LS-129/4627	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/3.7	A B	N 612 A		207013	H528 02C12	C4 2 A
CRD-LS-129/4631	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/3.7	A B	N 612 A		207013	H528 02C12	C4 2 A
CRD-LS-129/4635	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/3.7	A B	N 612 A		207013	H528 02C12	C4 2 A
CRD-LS-129/4639	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/3.7	A B	N 612 A		207013	H528 02C12	C4 2 A
CRD-LS-129/4643	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/3.7	A B	N 612 A		207013	H528 02C12	C4 2 A
CRD-LS-129/4647	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/3.7	A B	N 612 A		207013	H528 02C12	C4 2 A
CRD-LS-129/4651	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/3.7	A B	N 612 A		207013	H528 02C12	C4 2 A
CRD-LS-129/4655	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/3.7	A B	N 612 A		207013	H528 02C12	C4 2 A
CRD-LS-129/5011	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/3.7	A B	N 612 A		207013	H528 02C12	C4 2 A
CRD-LS-129/5015	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/3.7	A B	N 612 A		207013	H528 02C12	C4 2 A
CRD-LS-129/5019	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/3.7	A B	N 612 A		207013	H528 02C12	C4 2 A
CRD-LS-129/5023	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/3.7	A B	N 612 A		207013	H528 02C12	C4 2 A

EPN	MFG DESCRIPTION	MODEL	STATUS S E BLOG ELEV DETAIL	***SEISMIC (S) PARAMETERS***			FREQ QID	A/E DRAWING CONTRACT	A/E ZONE LEVEL CC
				TM	HL TEST	ANL FO C			
				USE	SAFETY	FUNCTION			
CRD-LS-129/5027	G050		A D	N	612				
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/3.7		3 3	A		207013	H528 02C12	C4 2 A
CRD-LS-129/5031	G050		A B	H	612				
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/3.7		3 3	A		207013	H528 02C12	C4 2 A
CRD-LS-129/5035	G050		A B	H	612				
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/3.7		3 3	A		207013	H528 02C12	C4 2 A
CRD-LS-129/5039	G050		A B	N	612				
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/3.7		3 3	A		207013	H528 02C12	C4 2 A
CRD-LS-129/5043	G050		A B	H	612				
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/3.7		3 3	A		207013	H528 02C12	C4 2 A
CRD-LS-129/5047	G050		A D	N	612				
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/3.7		3 3	A		207013	H528 02C12	C4 2 A
CRD-LS-129/5051	G050		A B	N	612				
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/3.7		3 3	A		207013	H528 02C12	C4 2 A
CRD-LS-129/5415	G050		A B	N	612				
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/3.7		3 3	A		207013	H528 02C12	C4 2 A
CRD-LS-129/5419	G050		A B	H	612				
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/3.7		3 3	A		207013	H528 02C12	C4 2 A
CRD-LS-129/5423	G050		A B	N	612				
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/3.7		3 3	A		207013	H528 02C12	C4 2 A
CRD-LS-129/5427	G050		A B	N	612				
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/3.7		3 3	A		207013	H528 02C12	C4 2 A
CRD-LS-129/5431	G050		A B	N	612				
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/3.7		3 3	A		207013	H528 02C12	C4 2 A
CRD-LS-129/5435	G050		A B	N	612				
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/3.7		3 3	A		207013	H528 02C12	C4 2 A
CRD-LS-129/5439	G050		A B	N	612				
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/3.7		3 3	A		207013	H528 02C12	C4 2 A
CRD-LS-129/5443	G050		A B	N	612				
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/3.7		3 3	A		207013	H528 02C12	C4 2 A
CRD-LS-129/5447	G050		A D	N	612				
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/3.7		3 3	A		207013	H528 02C12	C4 2 A
CRD-LS-129/5819	G050		A D	N	612				
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/3.7		3 3	A		207013	H528 02C12	C4 2 A
CRD-LS-129/5823	G050		A D	N	612				
LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/3.7		3 3	A		207013	H528 02C12	C4 2 A

PROGRAM CIE-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO. 00026
DATE 10/01/82

EPN	MFG DESCRIPTION	MODEL	BLDG. ELEV.	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS*** TM HL TEST ANL FO C USE SAFETY FUNCTION	FREQ QID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
CRD-LS-129/5827	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 L5/3.7	A B 3 3	N 612 A	207013	M528 02C12	C4 2 A
CRD-LS-129/5831	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/3.7	A B 3 3	N 612 A	207013	M528 02C12	C4 2 A
CRD-LS-129/5835	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/3.7	A B 3 3	N 612 A	207013	M528 02C12	C4 2 A
CRD-LS-129/5839	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/3.7	A B 3 3	N 612 A	207013	M528 02C12	C4 2 A
CRD-LS-129/5843	G050 LIQUID LEVEL 60CC ACCUM WATER LEAK		R 522 K2/3.7	A B 3 3	N 612 A	207013	M528 02C12	C4 2 A
CRD-LS-13A	M040 5.0-751-1X-MPG-S13HY CRD LEVEL - -		R 522 J2/6.9	A B 1 3	M N 14 00 A	00 207004	M528 02C12	J11 2 A
CRD-LS-13B	M040 5.0-751-1X-MPG-S13HY CRD LEVEL - -		R 530 J2/6.9	A B 1 3	M N 14 00 A	00 207004	M528 02C12	J11 2 A
CRD-LS-13C	M040 5.0-751-1X-MPG-M13HY CRD LEVEL - -		R 532 J.4/4.9	A B 1 3	M N 14 00 A	00 207004	M528 02C12	J6 2 A
CRD-LS-13D	M040 5.0-751-1X-MPG-M13HY CRD LEVEL - -		R 532 J.4/4.9	A B 1 3	M N 14 00 A	00 207004	M528 02C12	J7 2 A
CRD-LS-13E	M040 5.0-751-2X-MPG-M13HY CRD LEVEL - -		R 528 J.4/4.9	A B 1 3	M N 14 00 A	00 207004	M528 02C12	H7 2 A
CRD-LS-13F	M040 5.0-751-2X-MPG-M13HY CRD LEVEL - -		R 525 J.4/4.9	A B 1 3	M N 14 00 A	00 207004	M528 02C12	H7 2 A
CRD-POS-1260219	M302 POSITION SWITCH		R 522 L5/R.4	A B 1 0	N 612 A	248003	M528 02C12	C4 3 A
CRD-POS-1260223	M302 POSITION SWITCH		R 522 L5/R.4	A B 1 0	N 612 A	248003	M528 02C12	C4 3 A
CRD-POS-1260227	M302 POSITION SWITCH		R 522 L5/R.4	A B 1 0	N 612 A	248003	M528 02C12	C4 3 A
CRD-POS-1260231	M302 POSITION SWITCH		R 522 L5/R.4	A B 1 0	N 612 A	248003	M528 02C12	C4 3 A
CRD-POS-1260235	M302 POSITION SWITCH		R 522 K2/R.4	A B 1 0	N 612 A	248003	M528 02C12	C4 3 A
CRD-POS-1260239	M302 POSITION SWITCH		R 522 K2/R.4	A B 1 0	N 612 A	248003	M528 02C12	C4 3 A
CRD-POS-1260243	M302 POSITION SWITCH		R 522 K2/R.4	A B 1 0	N 612 A	248003	M528 02C12	C4 3 A

EPN	MFG	MODEL	STATUS		***SEISMIC (S) PARAMETERS***				FREQ	A/E DRAWING	A/E ZONE		
			S	E	TH	HL	TEST	ANL				FO	C
DESCRIPTION			BLDG	ELEV	DETAIL	USE	SAFETY	FUNCTION	QID	CONTRACT	LEVEL	EC	
CRD-POS-1260615 POSITION SWITCH	M302		R	522	L5/B.4	1	0	A		248003	H528 02C12	3	A
CRD-POS-1260619 POSITION SWITCH	M302		R	522	L5/B.4	1	0	A		248003	H528 02C12	3	A
CRD-PDS-1260623 POSITION SWITCH	M302		R	522	L5/B.4	1	0	A		248003	H528 02C12	3	A
CRD-POS-1260627 POSITION SWITCH	M302		R	522	L5/B.4	1	0	A		248003	H528 02C12	3	A
CRD-POS-1260631 POSITION SWITCH	M302		R	522	L5/B.4	1	0	A		248003	H528 02C12	3	A
CRD-POS-1260635 POSITION SWITCH	M302		R	522	K2/B.4	1	0	A		248003	H528 02C12	3	A
CRD-POS-1260639 POSITION SWITCH	M302		R	522	K2/B.4	1	0	A		248003	H528 02C12	3	A
CRD-POS-1260643 POSITION SWITCH	M302		R	522	K2/B.4	1	0	A		248003	H528 02C12	3	A
CRD-POS-1260647 POSITION SWITCH	M302		R	522	K2/B.4	1	0	A		248003	H528 02C12	3	A
CRD-POS-1261011 POSITION SWITCH	M302		R	522	L5/B.4	1	0	A		248003	H528 02C12	3	A
CRD-POS-1261015 POSITION SWITCH	M302		R	522	L5/B.4	1	0	A		248003	H528 02C12	3	A
CRD-POS-1261019 POSITION SWITCH	M302		R	522	L5/B.4	1	0	A		248003	H528 02C12	3	A
CRD-POS-1261023 POSITION SWITCH	M302		R	522	L5/B.4	1	0	A		248003	H528 02C12	3	A
CRD-POS-1261027 POSITION SWITCH	M302		R	522	L5/B.4	1	0	A		248003	H528 02C12	3	A
CRD-POS-1261031 POSITION SWITCH	M302		R	522	L5/B.4	1	0	A		248003	H528 02C12	3	A
CRD-POS-1261035 POSITION SWITCH	M302		R	522	K2/B.4	1	0	A		248003	H528 02C12	3	A
CRD-POS-1261039 POSITION SWITCH	M302		R	522	K2/B.4	1	0	A		248003	H528 02C12	3	A
CRD-POS-1261043 POSITION SWITCH	M302		R	522	K2/P.4	1	0	A		248003	H528 02C12	3	A

EPN	MFG	MODEL	BLDG ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***			FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TH	HL	TEST ANL FO C USE SAFETY FUNCTION			
CRD-POS-1261047 POSITION SWITCH	M302		R 522 K2/B.4	A B 1 0	N	612	A	248003	M528 02C12	C4 A
CRD-POS-1261051 POSITION SWITCH	M302		R 522 K2/B.4	A B 1 0	N	612	A	248003	M528 02C12	C4 A
CRD-POS-1261407 POSITION SWITCH	M302		R 522 L5/R.4	A B 1 0	N	612	A	248003	M528 02C12	C4 A
CRD-POS-1261411 POSITION SWITCH	M302		R 522 L5/B.4	A B 1 0	N	612	A	248003	M528 02C12	C4 A
CRD-POS-1261415 POSITION SWITCH	M302		R 522 L5/R.4	A B 1 0	N	612	A	248003	M528 02C12	C4 A
CRD-POS-1261412 POSITION SWITCH	M302		R 522 L5/B.4	A B 1 0	N	612	A	248003	M528 02C12	C4 A
CRD-POS-1261423 POSITION SWITCH	M302		R 522 L5/B.4	A B 1 0	N	612	A	248003	M528 02C12	C4 A
CRD-POS-1261427 POSITION SWITCH	M302		R 522 L5/B.4	A B 1 0	N	612	A	248003	M528 02C12	C4 A
CRD-POS-1261431 POSITION SWITCH	M302		R 522 L5/B.4	A B 1 0	N	612	A	248003	M528 02C12	C4 A
CRD-POS-1261435 POSITION SWITCH	M302		R 522 K2/B.4	A B 1 0	N	612	A	248003	M528 02C12	C4 A
CRD-POS-1261439 POSITION SWITCH	M302		R 522 K2/B.4	A B 1 0	N	612	A	248003	M528 02C12	C4 A
CRD-POS-1261443 POSITION SWITCH	M302		R 522 K2/B.4	A B 1 0	N	612	A	248003	M528 02C12	C4 A
CRD-POS-1261447 POSITION SWITCH	M302		R 522 K2/B.4	A B 1 0	N	612	A	248003	M528 02C12	C4 A
CRD-POS-1261451 POSITION SWITCH	M302		R 522 K2/B.4	A B 1 0	N	612	A	248003	M528 02C12	C4 A
CRD-POS-1261455 POSITION SWITCH	M302		R 522 K2/P.4	A B 1 0	N	612	A	248003	M528 02C12	C4 A
CRD-POS-1261803 POSITION SWITCH	M302		R 522 L5/R.4	A B 1 0	N	612	A	248003	M528 02C12	C4 A
CRD-POS-1261807 POSITION SWITCH	M302		R 522 L5/R.4	A B 1 0	N	612	A	248003	M528 02C12	C4 A
CRD-POS-1261811 POSITION SWITCH	M302		R 522 L5/R.4	A B 1 0	N	612	A	248003	M528 02C12	C4 A

PROGRAM CJE-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
UNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00029
DATE 10/01/82

EPN	MFG DESCRIPTION	MODEL	STATUS		***SEISMIC (S) PARAMETERS***			FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
			S E	TH HL TEST ANL FO C	USE	SAFETY FUNCTION	QID			
CRD-POS-1261815 POSITION SWITCH	M302		A B	N 612				M528	C4	
		R 522 L5/R.4		1 0	A		248003	02C12	3 A	
CRD-POS-1261819 POSITION SWITCH	M302		A B	N 612				M528	C4	
		R 522 L5/R.4		1 0	A		248003	02C12	3 A	
CRD-PDS-1261823 POSITION SWITCH	M302		A B	N 612				M528	C4	
		R 522 L5/R.4		1 0	A		248003	02C12	3 A	
CRD-POS-1261827 POSITION SWITCH	M302		A B	N 612				M528	C4	
		R 522 L5/R.4		1 0	A		248003	02C12	3 A	
CRD-POS-1261831 POSITION SWITCH	M302		A B	N 612				M528	C4	
		R 522 L5/R.4		1 0	A		248003	02C12	3 A	
CRD-POS-1261835 POSITION SWITCH	M302		A B	N 612				M528	C4	
		R 522 K2/R.4		1 0	A		248003	02C12	3 A	
CRD-POS-1261839 POSITION SWITCH	M302		A B	N 612				M528	C4	
		R 522 K2/R.4		1 0	A		248003	02C12	3 A	
CRD-POS-1261843 POSITION SWITCH	M302		A B	N 612				M528	C4	
		R 522 K2/R.4		1 0	A		248003	02C12	3 A	
CRD-POS-1261847 POSITION SWITCH	M302		A B	N 612				M528	C4	
		R 522 K2/R.4		1 0	A		248003	02C12	3 A	
CRD-POS-1261851 POSITION SWITCH	M302		A B	N 612				M528	C4	
		R 522 K2/R.4		1 0	A		248003	02C12	3 A	
CRD-POS-1261855 POSITION SWITCH	M302		A B	N 612				M528	C4	
		R 522 K2/R.4		1 0	A		248003	02C12	3 A	
CRD-POS-1261859 POSITION SWITCH	M302		A B	N 612				M528	C4	
		R 522 K2/R.4		1 0	A		248003	02C12	3 A	
CRD-POS-1262203 POSITION SWITCH	M302		A B	N 612				M528	C4	
		R 522 L5/R.4		1 0	A		248003	02C12	3 A	
CRD-POS-1262207 POSITION SWITCH	M302		A B	N 612				M528	C4	
		R 522 L5/R.4		1 0	A		248003	02C12	3 A	
CRD-POS-1262211 POSITION SWITCH	M302		A B	N 612				M528	C4	
		R 522 L5/R.4		1 0	A		248003	02C12	3 A	
CRD-POS-1262215 POSITION SWITCH	M302		A B	N 612				M528	C4	
		R 522 L5/R.4		1 0	A		248003	02C12	3 A	
CRD-POS-1262219 POSITION SWITCH	M302		A B	N 612				M528	C4	
		R 522 L5/R.4		1 0	A		248003	02C12	3 A	
CRD-POS-1262223 POSITION SWITCH	M302		A B	N 612				M528	C4	
		R 522 L5/R.4		1 0	A		248003	02C12	3 A	

EPN	MFG	MODEL	STATUS S E	***SEISMIC (S) PARAMETERS***				FREQ	A/E DRAWING	A/E ZONE
				TH	HL	TEST	ANL FO C			
DESCRIPTION		BLDG ELEV	DETAIL	USE	SAFETY FUNCTION			DID	CONTRACT	LEVEL EC
CRD-POS-1262227 POSITION SWITCH	M302		A B	N	612			248003	H528 02C12	C4 3 A
		R 522 L5/R.4		1 0	A					
CRD-POS-1262231 POSITION SWITCH	M302		A B	N	612			248003	H528 02C12	C4 3 A
		R 522 L5/R.4		1 0	A					
CRD-POS-1262235 POSITION SWITCH	M302		A B	N	612			248003	H528 02C12	C4 3 A
		R 522 K2/R.4		1 0	A					
CRD-POS-1262239 POSITION SWITCH	M302		A B	N	612			248003	H528 02C12	C4 3 A
		R 522 K2/R.4		1 0	A					
CRD-POS-1262243 POSITION SWITCH	M302		A B	N	612			248003	H528 02C12	C4 3 A
		R 522 K2/R.4		1 0	A					
CRD-POS-1262247 POSITION SWITCH	M302		A B	N	612			248003	H528 02C12	C4 3 A
		R 522 K2/R.4		1 0	A					
CRD-POS-1262251 POSITION SWITCH	M302		A B	N	612			248003	H528 02C12	C4 3 A
		R 522 K2/R.4		1 0	A					
CRD-POS-1262255 POSITION SWITCH	M302		A B	N	612			248003	H528 02C12	C4 3 A
		R 522 K2/R.4		1 0	A					
CRD-POS-1262259 POSITION SWITCH	M302		A B	N	612			248003	H528 02C12	C4 3 A
		R 522 K2/R.4		1 0	A					
CRD-POS-1262603 POSITION SWITCH	M302		A B	N	612			248003	H528 02C12	C4 3 A
		R 522 L5/R.4		1 0	A					
CRD-POS-1262607 POSITION SWITCH	M302		A B	N	612			248003	H528 02C12	C4 3 A
		R 522 L5/R.4		1 0	A					
CRD-POS-1262611 POSITION SWITCH	M302		A B	N	612			248003	H528 02C12	C4 3 A
		R 522 L5/R.4		1 0	A					
CRD-POS-1262615 POSITION SWITCH	M302		A B	N	612			248003	H528 02C12	C4 3 A
		R 522 L5/R.4		1 0	A					
CRD-POS-1262619 POSITION SWITCH	M302		A B	N	612			248003	H528 02C12	C4 3 A
		R 522 L5/R.4		1 0	A					
CRD-POS-1262623 POSITION SWITCH	M302		A B	N	612			248003	H528 02C12	C4 3 A
		R 522 L5/R.4		1 0	A					
CRD-POS-1262627 POSITION SWITCH	M302		A B	N	612			248003	H528 02C12	C4 3 A
		R 522 L5/R.4		1 0	A					
CRD-POS-1262631 POSITION SWITCH	M302		A B	N	612			248003	H528 02C12	C4 3 A
		R 522 L5/R.4		1 0	A					
CRD-POS-1262635 POSITION SWITCH	M302		A B	N	612			248003	H528 02C12	C4 3 A
		R 522 K2/R.4		1 0	A					

EPN	MFG DESCRIPTION	MODEL	BLOG ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***				A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TM USE	HL SAFETY FUNCTION	TEST QID	ANL FO		
CRD-POS-1262639	M302			A B	N	612			M528	C4
POSITION SWITCH			R 522 K2/R.4		1 0	A			248003 02C12	3 A
CRD-POS-1262643	M302			A B	N	612			M528	C4
POSITION SWITCH			R 522 K2/R.4		1 0	A			248003 02C12	3 A
CRD-POS-1262647	M302			A B	N	612			M528	C4
POSITION SWITCH			R 522 K2/R.4		1 0	A			248003 02C12	3 A
CRD-POS-1262651	M302			A B	N	612			M528	C4
POSITION SWITCH			R 522 K2/R.4		1 0	A			248003 02C12	3 A
CRD-POS-1262655	M302			A B	N	612			M528	C4
POSITION SWITCH			R 522 K2/R.4		1 0	A			248003 02C12	3 A
CRD-POS-1262659	M302			A B	N	612			M528	C4
POSITION SWITCH			R 522 K2/R.4		1 0	A			248003 02C12	3 A
CRD-POS-1263003	M302			A B	N	612			M528	C4
POSITION SWITCH			R 522 L5/R.4		1 0	A			248003 02C12	3 A
CRD-POS-1263007	M302			A B	N	612			M528	C4
POSITION SWITCH			R 522 L5/R.4		1 0	A			248003 02C12	3 A
CRD-POS-1263011	M302			A B	N	612			M528	C4
POSITION SWITCH			R 522 L5/R.4		1 0	A			248003 02C12	3 A
CRD-POS-1263015	M302			A B	N	612			M528	C4
POSITION SWITCH			R 522 L5/R.4		1 0	A			248003 02C12	3 A
CRD-POS-1263019	M302			A B	N	612			M528	C4
POSITION SWITCH			R 522 L5/R.4		1 0	A			248003 02C12	3 A
CRD-POS-1263023	M302			A B	N	612			M528	C4
POSITION SWITCH			R 522 L5/R.4		1 0	A			248003 02C12	3 A
CRD-POS-1263027	M302			A B	N	612			M528	C4
POSITION SWITCH			R 522 L5/R.4		1 0	A			248003 02C12	3 A
CRD-POS-1263031	M302			A B	N	612			M528	C4
POSITION SWITCH			R 522 K2/R.4		1 0	A			248003 02C12	3 A
CRD-POS-1263035	M302			A B	N	612			M528	C4
POSITION SWITCH			R 522 K2/R.4		1 0	A			248003 02C12	3 A
CRD-POS-1263039	M302			A B	N	612			M528	C4
POSITION SWITCH			R 522 K2/R.4		1 0	A			248003 02C12	3 A
CRD-POS-1263043	M302			A B	N	612			M528	C4
POSITION SWITCH			R 522 K2/R.4		1 0	A			248003 02C12	3 A
CRD-POS-1263047	M302			A B	N	612			M528	C4
POSITION SWITCH			R 522 K2/R.4		1 0	A			248003 02C12	3 A

PROGRAM CIE-SQRT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
UNP-2 CLASS 1E EQUIPMENT LIST

PAGE NO 00032

DATE 10/01/82

EPN	MFG	MODEL	STATUS S E	***SEISMIC (S) PARAMETERS*** TH HL TEST ANL FO C USE SAFETY FUNCTION	FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
DESCRIPTION		BLDG ELEV	DETAIL		QID		
CRD-POS-1263051 POSITION SWITCH	M302		A B	N 612	M528	C4	
		R 522 K2/R.4		1 0 A	248003 02C12	3	A
CRD-POS-1263055 POSITION SWITCH	M302		A B	N 612	M528	C4	
		R 522 K2/R.4		1 0 A	248003 02C12	3	A
CRD-POS-1263059 POSITION SWITCH	M302		A B	N 612	M528	C4	
		R 522 K2/R.4		1 0 A	248003 02C12	3	A
CRD-POS-1263403 POSITION SWITCH	M302		A B	N 612	M528	C4	
		R 522 L5/R.4		1 0 A	248003 02C12	3	A
CRD-POS-1263407 POSITION SWITCH	M302		A B	N 612	M528	C4	
		R 522 L5/R.4		1 0 A	248003 02C12	3	A
CRD-POS-1263411 POSITION SWITCH	M302		A B	N 612	M528	C4	
		R 522 L5/R.4		1 0 A	248003 02C12	3	A
CRD-POS-1263415 POSITION SWITCH	M302		A B	N 612	M528	C4	
		R 522 L5/R.4		1 0 A	248003 02C12	3	A
CRD-POS-1263419 POSITION SWITCH	M302		A B	N 612	M528	C4	
		R 522 L5/R.4		1 0 A	248003 02C12	3	A
CRD-POS-1263423 POSITION SWITCH	M302		A B	N 612	M528	C4	
		R 522 L5/R.4		1 0 A	248003 02C12	3	A
CRD-POS-1263427 POSITION SWITCH	M302		A B	N 612	M528	C4	
		R 522 L5/R.4		1 0 A	248003 02C12	3	A
CRD-POS-1263431 POSITION SWITCH	M302		A B	N 612	M528	C4	
		R 522 K2/R.4		1 0 A	248003 02C12	3	A
CRD-POS-1263435 POSITION SWITCH	M302		A B	N 612	M528	C4	
		R 522 K2/R.4		1 0 A	248003 02C12	3	A
CRD-POS-1263439 POSITION SWITCH	M302		A B	N 612	M528	C4	
		R 522 K2/R.4		1 0 A	248003 02C12	3	A
CRD-POS-1263443 POSITION SWITCH	M302		A B	N 612	M528	C4	
		R 522 K2/R.4		1 0 A	248003 02C12	3	A
CRD-POS-1263447 POSITION SWITCH	M302		A B	N 612	M528	C4	
		R 522 K2/R.4		1 0 A	248003 02C12	3	A
CRD-POS-1263451 POSITION SWITCH	M302		A B	N 612	M528	C4	
		R 522 K2/R.4		1 0 A	248003 02C12	3	A
CRD-POS-1263455 POSITION SWITCH	M302		A B	N 612	M528	C4	
		P 522 K2/R.4		1 0 A	248003 02C12	3	A
CRD-POS-1263459 POSITION SWITCH	M302		A B	N 612	M528	C4	
		R 522 K2/R.4		1 0 A	248003 02C12	3	A

PROGRAM CIE-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00033
DATE 10/01/82

EPN	MFG DESCRIPTION	MODEL	STATUS S E BLOG ELEV DETAIL	SEISMIC (S) PARAMETERS TM HL TEST ANL FO C USE SAFETY FUNCTION	FREQ OID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
CRD-POS-1263803 POSITION SWITCH	M302		A B R 522 L5/R.4	N 612 1 0 A	248003	M528 02C12	C4 3 A
CRD-POS-1263807 POSITION SWITCH	M302		A B R 522 L5/R.4	N 612 1 0 A	248003	M528 02C12	C4 3 A
CRD-POS-1263811 POSITION SWITCH	M302		A B R 522 L5/R.4	N 612 1 0 A	248003	M528 02C12	C4 3 A
CRD-POS-1263815 POSITION SWITCH	M302		A B R 522 L5/R.4	N 612 1 0 A	248003	M528 02C12	C4 3 A
CRD-POS-1263819 POSITION SWITCH	M302		A B R 522 L5/R.4	N 612 1 0 A	248003	M528 02C12	C4 3 A
CRD-POS-1263823 POSITION SWITCH	M302		A B R 522 L5/R.4	N 612 1 0 A	248003	M528 02C12	C4 3 A
CRD-POS-1263827 POSITION SWITCH	M302		A B R 522 L5/R.4	N 612 1 0 A	248003	M528 02C12	C4 3 A
CRD-POS-1263831 POSITION SWITCH	M302		A B R 522 K2/R.4	N 612 1 0 A	248003	M528 02C12	C4 3 A
CRD-POS-1263835 POSITION SWITCH	M302		A B R 522 K2/R.4	N 612 1 0 A	248003	M528 02C12	C4 3 A
CRD-POS-1263839 POSITION SWITCH	M302		A B R 522 K2/R.4	N 612 1 0 A	248003	M528 02C12	C4 3 A
CRD-POS-1263843 POSITION SWITCH	M302		A B R 522 K2/R.4	N 612 1 0 A	248003	M528 02C12	C4 3 A
CRD-POS-1263847 POSITION SWITCH	M302		A B R 522 K2/R.4	N 612 1 0 A	248003	M528 02C12	C4 3 A
CRD-POS-1263851 POSITION SWITCH	M302		A B R 522 K2/R.4	N 612 1 0 A	248003	M528 02C12	C4 3 A
CRD-POS-1263855 POSITION SWITCH	M302		A B R 522 K2/R.4	N 612 1 0 A	248003	M528 02C12	C4 3 A
CRD-POS-1263859 POSITION SWITCH	M302		A B R 522 K2/R.4	N 612 1 0 A	248003	M528 02C12	C4 3 A
CRD-POS-1264203 POSITION SWITCH	M302		A B R 522 L5/R.4	N 612 1 0 A	248003	M528 02C12	C4 3 A
CRD-POS-1264207 POSITION SWITCH	M302		A B R 522 L5/R.4	N 612 1 0 A	248003	M528 02C12	C4 3 A
CRD-POS-1264211 POSITION SWITCH	M302		A B R 522 L5/R.4	N 612 1 0 A	248003	M528 02C12	C4 3 A

EPN	MFG	MODEL	STATUS S E	***SEISMIC (S) PARAMETERS*** TM HL TEST ANL FO C FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
DESCRIPTION		BLOG ELEV	DETAIL	USE SAFETY FUNCTION	QID	
CRD-POS-1264215 POSITION SWITCH	M302		A B	H 612	M528	C4
		R 522 L5/R.4		1 0 A	248003 02C12	3 A
CRD-POS-1264219 POSITION SWITCH	M302		A B	H 612	M528	C4
		R 522 L5/R.4		1 0 A	248003 02C12	3 A
CRD-POS-1264223 POSITION SWITCH	M302		A B	H 612	M528	C4
		R 522 L5/R.4		1 0 A	248003 02C12	3 A
CRD-POS-1264227 POSITION SWITCH	M302		A B	H 612	M528	C4
		R 522 L5/R.4		1 0 A	248003 02C12	3 A
CRD-POS-1264231 POSITION SWITCH	M302		A B	H 612	M528	C4
		R 522 K2/R.4		1 0 A	248003 02C12	3 A
CRD-POS-1264235 POSITION SWITCH	M302		A B	H 612	M528	C4
		R 522 K2/R.4		1 0 A	248003 02C12	3 A
CRD-POS-1264239 POSITION SWITCH	M302		A B	612	M528	C4
		R 522 K2/R.4		1 0 A	248003 02C12	3 A
CRD-POS-1264243 POSITION SWITCH	M302		A B	612	M528	C4
		R 522 K2/R.4		1 0 A	248003 02C12	3 A
CRD-POS-1264247 POSITION SWITCH	M302		A B	612	M528	C4
		R 522 K2/R.4		1 0 A	248003 02C12	3 A
CRD-POS-1264251 POSITION SWITCH	M302		A B	612	M528	C4
		R 522 K2/R.4		1 0 A	248003 02C12	3 A
CRD-POS-1264255 POSITION SWITCH	M302		A B	612	M528	C4
		R 522 K2/R.4		1 0 A	248003 02C12	3 A
CRD-POS-1264259 POSITION SWITCH	M302		A B	612	M528	C4
		R 522 K2/R.4		1 0 A	248003 02C12	3 A
CRD-POS-1264607 POSITION SWITCH	M302		A B	612	M528	C4
		R 522 L5/R.4		1 0 A	248003 02C12	3 A
CRD-POS-1264611 POSITION SWITCH	M302		A B	612	M528	C4
		R 522 L5/R.4		1 0 A	248003 02C12	3 A
CRD-POS-1264615 POSITION SWITCH	M302		A B	612	M528	C4
		R 522 L5/R.4		1 0 A	248003 02C12	3 A
CRD-POS-1264619 POSITION SWITCH	M302		A B	612	M528	C4
		R 522 L5/R.4		1 0 A	248003 02C12	3 A
CRD-POS-1264623 POSITION SWITCH	M302		A B	612	M528	C4
		R 522 L5/P.4		1 0 A	248003 02C12	3 A
CRD-POS-1264627 POSITION SWITCH	M302		A B	612	M528	C4
		R 522 L5/P.4		1 0 A	248003 02C12	3 A

PROGRAM CIE-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
VNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00035
DATE 10/01/82

EPN	MFG DESCRIPTION	MODEL	STATUS		***SEISMIC (S) PARAMETERS***			FREQ OID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
			S E	DETAIL	TH USE	HL SAFETY	TEST FUNCTION			
CRD-POS-1264631 POSITION SWITCH	M302		A B	612				M528	C4	
		R 522 K2/R.4	1 0	A			248003	02C12	3	A
CRD-POS-1264635 POSITION SWITCH	M302		A B	612				M528	C4	
		R 522 K2/R.4	1 0	A			248003	02C12	3	A
CRD-POS-1264639 POSITION SWITCH	M302		A B	612				M528	C4	
		R 522 K2/R.4	1 0	A			248003	02C12	3	A
CRD-POS-1264643 POSITION SWITCH	M302		A B	612				M528	C4	
		R 522 K2/R.4	1 0	A			248003	02C12	3	A
CRD-POS-1264647 POSITION SWITCH	M302		A B	612				M528	C4	
		R 522 K2/R.4	1 0	A			248003	02C12	3	A
CRD-POS-1264651 POSITION SWITCH	M302		A B	612				M528	C4	
		R 522 K2/R.4	1 0	A			248003	02C12	3	A
CRD-POS-1264655 POSITION SWITCH	M302		A B	612				M528	C4	
		R 522 K2/R.4	1 0	A			248003	02C12	3	A
CRD-POS-1265011 POSITION SWITCH	M302		A B	612				M528	C4	
		R 522 L5/R.4	1 0	A			248003	02C12	3	A
CRD-POS-1265015 POSITION SWITCH	M302		A B	612				M528	C4	
		R 522 L5/R.4	1 0	A			248003	02C12	3	A
CRD-POS-1265019 POSITION SWITCH	M302		A B	612				M528	C4	
		R 522 L5/R.4	1 0	A			248003	02C12	3	A
CRD-POS-1265023 POSITION SWITCH	M302		A B	612				M528	C4	
		R 522 L5/R.4	1 0	A			248003	02C12	3	A
CRD-POS-1265027 POSITION SWITCH	M302		A B	612				M528	C4	
		R 522 L5/R.4	1 0	A			248003	02C12	3	A
CRD-POS-1265031 POSITION SWITCH	M302		A B	612				M528	C4	
		R 522 K2/R.4	1 0	A			248003	02C12	3	A
CRD-POS-1265035 POSITION SWITCH	M302		A B	612				M528	C4	
		R 522 K2/R.4	1 0	A			248003	02C12	3	A
CRD-POS-1265039 POSITION SWITCH	M302		A B	612				M528	C4	
		R 522 K2/R.4	1 0	A			248003	02C12	3	A
CRD-POS-1265043 POSITION SWITCH	M302		A B	612				M528	C4	
		R 522 K2/R.4	1 0	A			248003	02C12	3	A
CRD-POS-1265047 POSITION SWITCH	M302		A B	612				M528	C4	
		R 522 K2/R.4	1 0	A			248003	02C12	3	A
CRD-POS-1265051 POSITION SWITCH	M302		A B	612				M528	C4	
		R 522 K2/R.4	1 0	A			248003	02C12	3	A

PROGRAM C1E-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00036
DATE 10/01/82

EPN	MFG DESCRIPTION	MODEL	STATUS S E BLDG ELEV DETAIL	***SEISMIC (S) PARAMETERS***			FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL, EC
				TH	HL	TEST ANL FO C USE SAFETY FUNCTION			
CRD-POS-1265415	M302		A B			612		M528	C4
POSITION SWITCH			R 522 L5/8.4	1	0	A	248003	02C12	3 A
CRD-POS-1265419	M302		A B			612		M528	C4
POSITION SWITCH			R 522 L5/8.4	1	0	A	248003	02C12	3 A
CRD-POS-1265423	M302		A B			612		M528	C4
POSITION SWITCH			R 522 L5/8.4	1	0	A	248003	02C12	3 A
CRD-POS-1265427	M302		A B			612		M528	C4
POSITION SWITCH			R 522 L5/8.4	1	0	A	248003	02C12	3 A
CRD-POS-1265431	M302		A B			612		M528	C4
POSITION SWITCH			R 522 K2/8.4	1	0	A	248003	02C12	3 A
CRD-POS-1265435	M302		A B			612		M528	C4
POSITION SWITCH			R 522 K2/8.4	1	0	A	248003	02C12	3 A
CRD-POS-1265439	M302		A B			612		M528	C4
POSITION SWITCH			R 522 K2/8.4	1	0	A	248003	02C12	3 A
CRD-POS-1265443	M302		A B			612		M528	C4
POSITION SWITCH			R 522 K2/8.4	1	0	A	248003	02C12	3 A
CRD-POS-1265447	M302		A B			612		M528	C4
POSITION SWITCH			R 522 K2/8.4	1	0	A	248003	02C12	3 A
CRD-POS-1265419	M302		A B			612		M528	C4
POSITION SWITCH			R 522 L5/8.4	1	0	A	248003	02C12	3 A
CRD-POS-1265423	M302		A B			612		M528	C4
POSITION SWITCH			R 522 L5/8.4	1	0	A	248003	02C12	3 A
CRD-POS-1265427	M302		A B			612		M528	C4
POSITION SWITCH			R 522 L5/8.4	1	0	A	248003	02C12	3 A
CRD-POS-1265431	M302		A B			612		M528	C4
POSITION SWITCH			R 522 K2/8.4	1	0	A	248003	02C12	3 A
CRD-POS-1265435	M302		A B			612		M528	C4
POSITION SWITCH			R 522 K2/8.4	1	0	A	248003	02C12	3 A
CRD-POS-1265439	M302		A B			612		M528	C4
POSITION SWITCH			R 522 K2/8.4	1	0	A	248003	02C12	3 A
CRD-POS-1265443	M302		A B			612		M528	C4
POSITION SWITCH			R 522 K2/8.4	1	0	A	248003	02C12	3 A
CRD-POS-1270219	M302		A B			612		M528	C4
POSITION SWITCH			R 522 L5/8.4	1	0	A	248003	02C12	3 A
CRD-POS-1270223	M302		A B			612		M528	C4
POSITION SWITCH			R 522 L5/8.4	1	0	A	248003	02C12	3 A

PROGRAM CIE-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
UNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00037
DATE 10/01/82

EPN	MFG DESCRIPTION	MODEL	STATUS S E BLDG ELEV DETAIL	***SEISMIC (S) PARAMETERS*** TH HL TEST ANL FO C FREQ USE SAFETY FUNCTION PID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
CRD-POS-1270227 POSITION SWITCH	M302		A B R 522 L5/B.4	N 612 1 0 A	M528 248003 02C12	C4 3 A
CRD-POS-1270231 POSITION SWITCH	M302		A B R 522 L5/B.4	N 612 1 0 A	M528 248003 02C12	C4 3 A
CRD-POS-1270235 POSITION SWITCH	M302		A B R 522 K2/B.4	N 612 1 0 A	M528 248003 02C12	C4 3 A
CRD-POS-1270239 POSITION SWITCH	M302		A B R 522 K2/B.4	N 612 1 0 A	M528 248003 02C12	C4 3 A
CRD-POS-1270243 POSITION SWITCH	M302		A B R 522 K2/B.4	N 612 1 0 A	M528 248003 02C12	C4 3 A
CRD-POS-1270615 POSITION SWITCH	M302		A B R 522 L5/B.4	N 612 1 0 A	M528 248003 02C12	C4 3 A
CRD-POS-1270619 POSITION SWITCH	M302		A B R 522 L5/B.4	N 612 1 0 A	M528 248003 02C12	C4 3 A
CRD-POS-1270623 POSITION SWITCH	M302		A B R 522 L5/B.4	N 612 1 0 A	M528 248003 02C12	C4 3 A
CRD-POS-1270627 POSITION SWITCH	M302		A B R 522 L5/B.4	N 612 1 0 A	M528 248003 02C12	C4 3 A
CRD-POS-1270631 POSITION SWITCH	M302		A B R 522 L5/B.4	N 612 1 0 A	M528 248003 02C12	C4 3 A
CRD-POS-1270635 POSITION SWITCH	M302		A B R 522 K2/B.4	N 612 1 0 A	M528 248003 02C12	C4 3 A
CRD-POS-1270639 POSITION SWITCH	M302		A B R 522 K2/B.4	N 612 1 0 A	M528 248003 02C12	C4 3 A
CRD-POS-1270643 POSITION SWITCH	M302		A B R 522 K2/B.4	N 612 1 0 A	M528 248003 02C12	C4 3 A
CRD-POS-1270647 POSITION SWITCH	M302		A B R 522 K2/B.4	N 612 1 0 A	M528 248003 02C12	C4 3 A
CRD-POS-1271011 POSITION SWITCH	M302		A B R 522 L5/B.4	N 612 1 0 A	M528 248003 02C12	C4 3 A
CRD-POS-1271015 POSITION SWITCH	M302		A B R 522 L5/B.4	N 612 1 0 A	M528 248003 02C12	C4 3 A
CRD-POS-1271019 POSITION SWITCH	M302		A B R 522 L5/B.4	N 612 1 0 A	M528 248003 02C12	C4 3 A
CRD-POS-1271023 POSITION SWITCH	M302		A B R 522 L5/B.4	N 612 1 0 A	M528 248003 02C12	C4 3 A

PROGRAM CIE-SQRT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
UNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00038
DATE 10/01/82

EPN	MFG	MODEL	STATUS S E	***SEISMIC (S) PARAMETERS*** TM HL TEST ANL FO C USE SAFETY FUNCTION	FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
DESCRIPTION		BLDG ELEV	DETAIL		QID		
CRD-POS-1271027 POSITION SWITCH	M302		A B	H 612	M528	C4	
		R 522 L5/8.4		1 0 A	248003 02C12	3	A
CRD-POS-1271031 POSITION SWITCH	M302		A B	H 612	M528	C4	
		R 522 L5/8.4		1 0 A	248003 02C12	3	A
CRD-POS-1271035 POSITION SWITCH	M302		A B	H 612	M528	C4	
		R 522 K2/8.4		1 0 A	248003 02C12	3	A
CRD-POS-1271039 POSITION SWITCH	M302		A B	H 612	M528	C4	
		R 522 K2/8.4		1 0 A	248003 02C12	3	A
CRD-POS-1271043 POSITION SWITCH	M302		A B	H 612	M528	C4	
		R 522 K2/8.4		1 0 A	248003 02C12	3	A
CRD-POS-1271047 POSITION SWITCH	M302		A B	H 612	M528	C4	
		R 522 K2/8.4		1 0 A	248003 02C12	3	A
CRD-POS-1271051 POSITION SWITCH	M302		A B	H 612	M528	C4	
		R 522 K2/8.4		1 0 A	248003 02C12	3	A
CRD-POS-1271407 POSITION SWITCH	M302		A B	H 612	M528	C4	
		R 522 L5/8.4		1 0 A	248003 02C12	3	A
CRD-POS-1271411 POSITION SWITCH	M302		A B	H 612	M528	C4	
		R 522 L5/8.4		1 0 A	248003 02C12	3	A
CRD-POS-1271415 POSITION SWITCH	M302		A B	H 612	M528	C4	
		R 522 L5/8.4		1 0 A	248003 02C12	3	A
CRD-POS-1271419 POSITION SWITCH	M302		A B	H 612	M528	C4	
		R 522 L5/8.4		1 0 A	248003 02C12	3	A
CRD-POS-1271423 POSITION SWITCH	M302		A B	H 612	M528	C4	
		R 522 L5/8.4		1 0 A	248003 02C12	3	A
CRD-POS-1271427 POSITION SWITCH	M302		A B	H 612	M528	C4	
		R 522 L5/8.4		1 0 A	248003 02C12	3	A
CRD-POS-1271431 POSITION SWITCH	M302		A B	H 612	M528	C4	
		R 522 L5/8.4		1 0 A	248003 02C12	3	A
CRD-POS-1271435 POSITION SWITCH	M302		A B	H 612	M528	C4	
		R 522 K2/8.4		1 0 A	248003 02C12	3	A
CRD-POS-1271439 POSITION SWITCH	M302		A B	H 612	M528	C4	
		R 522 K2/8.4		1 0 A	248003 02C12	3	A
CRD-POS-1271443 POSITION SWITCH	M302		A B	H 612	M528	C4	
		R 522 K2/8.4		1 0 A	248003 02C12	3	A
CRD-POS-1271447 POSITION SWITCH	M302		A B	H 612	M528	C4	
		R 522 K2/P		1 0 A	248003 02C12	3	A

EPN	DESCRIPTION	MFG	MODEL	STATUS S E BLOG ELEV DETAIL	***SEISMIC (S) PARAMETERS***			FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TH	HL	TEST ANL FO C USE SAFETY FUNCTION			
CRD-POS-1271451	POSITION SWITCH	M302		A B	N	612		M528	C4	
			R 522 K2/B.4	1 0	A			248003	02C12	3 A
CRD-POS-1271455	POSITION SWITCH	M302		A B	N	612		M528	C4	
			R 522 K2/B.4	1 0	A			248003	02C12	3 A
CRD-POS-1271803	POSITION SWITCH	M302		A B	N	612		M528	C4	
			R 522 L5/R.4	1 0	A			248003	02C12	3 A
CRD-POS-1271807	POSITION SWITCH	M302		A B	N	612		M528	C4	
			R 522 L5/B.4	1 0	A			248003	02C12	3 A
CRD-POS-1271811	POSITION SWITCH	M302		A B	N	612		M528	C4	
			R 522 L5/R.4	1 0	A			248003	02C12	3 A
CRD-POS-1271815	POSITION SWITCH	M302		A B	N	612		M528	C4	
			R 522 L5/B.4	1 0	A			248003	02C12	3 A
CRD-POS-1271819	POSITION SWITCH	M302		A B	N	612		M528	C4	
			R 522 L5/R.4	1 0	A			248003	02C12	3 A
CRD-POS-1271823	POSITION SWITCH	M302		A B	N	612		M528	C4	
			R 522 L5/R.4	1 0	A			248003	02C12	3 A
CRD-POS-1271827	POSITION SWITCH	M302		A B	N	612		M528	C4	
			R 522 L5/R.4	1 0	A			248003	02C12	3 A
CRD-POS-1271831	POSITION SWITCH	M302		A B	N	612		M528	C4	
			R 522 L5/B.4	1 0	A			248003	02C12	3 A
CRD-POS-1271835	POSITION SWITCH	M302		A B	N	612		M528	C4	
			R 522 K2/B.4	1 0	A			248003	02C12	3 A
CRD-POS-1271839	POSITION SWITCH	M302		A B	N	612		M528	C4	
			R 522 K2/B.4	1 0	A			248003	02C12	3 A
CRD-POS-1271843	POSITION SWITCH	M302		A B	N	612		M528	C4	
			R 522 K2/B.4	1 0	A			248003	02C12	3 A
CRD-POS-1271847	POSITION SWITCH	M302		A B	N	612		M528	C4	
			R 522 K2/B.4	1 0	A			248003	02C12	3 A
CRD-POS-1271851	POSITION SWITCH	M302		A B	N	612		M528	C4	
			R 522 K2/B.4	1 0	A			248003	02C12	3 A
CRD-POS-1271855	POSITION SWITCH	M302		A B	N	612		M528	C4	
			R 522 K2/B.4	1 0	A			248003	02C12	3 A
CRD-POS-1271859	POSITION SWITCH	M302		A B	N	612		M528	C4	
			R 522 K2/P.4	1 0	A			248003	02C12	3 A
CRD-POS-1272203	POSITION SWITCH	M302		A B	N	612		M528	C4	
			R 522 L5/R.4	1 0	A			248003	02C12	3 A

EPN	MFG	MODEL	STATUS S E	BLOG ELEV	DETAIL	***SEISMIC (S) PARAMETERS***				A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
						TM	HL	TEST	ANL FD C		
	DESCRIPTION					USE	SAFETY	FUNCTION	QID		
CRD-POS-1272207	M302		A B		N 612						
POSITION SWITCH		R 522 L5/R.4			1 0 A				248003	M528 02C12	C4 A
CRD-POS-1272211	M302		A B		N 612						
POSITION SWITCH		R 522 L5/R.4			1 0 A				248003	M528 02C12	C4 A
CRD-POS-1272215	M302		A B		N 612						
POSITION SWITCH		R 522 L5/R.4			1 0 A				248003	M528 02C12	C4 A
CRD-POS-1272219	M302		A B		N 612						
POSITION SWITCH		R 522 L5/R.4			1 0 A				248003	M528 02C12	C4 A
CRD-POS-1272223	M302		A B		N 612						
POSITION SWITCH		R 522 L5/R.4			1 0 A				248003	M528 02C12	C4 A
CRD-POS-1272227	M302		A B		N 612						
POSITION SWITCH		R 522 L5/R.4			1 0 A				248003	M528 02C12	C4 A
CRD-POS-1272231	M302		A B		N 612						
POSITION SWITCH		R 522 L5/R.4			1 0 A				248003	M528 02C12	C4 A
CRD-POS-1272235	M302		A B		N 612						
POSITION SWITCH		R 522 K2/R.4			1 0 A				248003	M528 02C12	C4 A
CRD-POS-1272239	M302		A B		N 612						
POSITION SWITCH		R 522 K2/R.4			1 0 A				248003	M528 02C12	C4 A
CRD-POS-1272243	M302		A B		N 612						
POSITION SWITCH		R 522 K2/R.4			1 0 A				248003	M528 02C12	C4 A
CRD-POS-1272247	M302		A B		N 612						
POSITION SWITCH		R 522 K2/R.4			1 0 A				248003	M528 02C12	C4 A
CRD-POS-1272251	M302		A B		N 612						
POSITION SWITCH		R 522 K2/R.4			1 0 A				248003	M528 02C12	C4 A
CRD-POS-1272255	M302		A B		N 612						
POSITION SWITCH		R 522 K2/R.4			1 0 A				248003	M528 02C12	C4 A
CRD-POS-1272259	M302		A B		N 612						
POSITION SWITCH		R 522 K2/R.4			1 0 A				248003	M528 02C12	C4 A
CRD-POS-1272603	M302		A B		N 612						
POSITION SWITCH		R 522 L5/R.4			1 0 A				248003	M528 02C12	C4 A
CRD-POS-1272607	M302		A B		N 612						
POSITION SWITCH		R 522 L5/R.4			1 0 A				248003	M528 02C12	C4 A
CRD-POS-1272611	M302		A B		N 612						
POSITION SWITCH		R 522 L5/R.4			1 0 A				248003	M528 02C12	C4 A
CRD-POS-1272615	M302		A B		N 612						
POSITION SWITCH		R 522 L5/R.4			1 0 A				248003	M528 02C12	C4 A

PROGRAM CIE-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
VNP-2 CLASS 1E EQUIPMENT LIST

PAGE NO 00041

DATE 10/01/82

EPN	MFG DESCRIPTION	MODEL	BLOG ELEV	STATUS S E DETAIL	**SEISMIC (S) PARAMETERS**				FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TM USE	HL SAFELY	TEST FUNCTION	ANL FO C QID			
CRD-POS-1272619 POSITION SWITCH	M302		R 522 L5/R.4	A B 1 0	N 612 A			248003	H528 02C12	C4 3	A
CRD-POS-1272623 POSITION SWITCH	M302		R 522 L5/R.4	A B 1 0	N 612 A			248003	H528 02C12	C4 3	A
CRD-POS-1272627 POSITION SWITCH	M302		R 522 L5/R.4	A B 1 0	N 612 A			248003	H528 02C12	C4 3	A
CRD-POS-1272631 POSITION SWITCH	M302		R 522 L5/R.4	A B 1 0	N 612 A			248003	H528 02C12	C4 3	A
CRD-POS-1272635 POSITION SWITCH	M302		R 522 K2/R.4	A B 1 0	N 612 A			248003	H528 02C12	C4 3	A
CRD-POS-1272639 POSITION SWITCH	M302		R 522 K2/R.4	A B 1 0	N 612 A			248003	H528 02C12	C4 3	A
CRD-POS-1272643 POSITION SWITCH	M302		R 522 K2/R.4	A B 1 0	N 612 A			248003	H528 02C12	C4 3	A
CRD-POS-1272647 POSITION SWITCH	M302		R 522 K2/R.4	A B 1 0	N 612 A			248003	H528 02C12	C4 3	A
CRD-POS-1272651 POSITION SWITCH	M302		R 522 K2/R.4	A B 1 0	N 612 A			248003	H528 02C12	C4 3	A
CRD-POS-1272655 POSITION SWITCH	M302		R 522 K2/R.4	A B 1 0	N 612 A			248003	H528 02C12	C4 3	A
CRD-POS-1272659 POSITION SWITCH	M302		R 522 K2/R.4	A B 1 0	N 612 A			248003	H528 02C12	C4 3	A
CRD-POS-1273003 POSITION SWITCH	M302		R 522 L5/R.4	A B 1 0	N 612 A			248003	H528 02C12	C4 3	A
CRD-POS-1273007 POSITION SWITCH	M302		R 522 L5/R.4	A B 1 0	N 612 A			248003	H528 02C12	C4 3	A
CRD-POS-1273011 POSITION SWITCH	M302		R 522 L5/R.4	A B 1 0	N 612 A			248003	H528 02C12	C4 3	A
CRD-POS-1273015 POSITION SWITCH	M302		R 522 L5/R.4	A B 1 0	N 612 A			248003	H528 02C12	C4 3	A
CRD-POS-1273019 POSITION SWITCH	M302		R 522 L5/R.4	A B 1 0	N 612 A			248003	H528 02C12	C4 3	A
CRD-POS-1273023 POSITION SWITCH	M302		R 522 L5/R.4	A B 1 0	N 612 A			248003	H528 02C12	C4 3	A
CRD-POS-1273027 POSITION SWITCH	M302		R 522 L5/R.4	A B 1 0	N 612 A			248003	H528 02C12	C4 3	A

PROGRAM CIE-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00042
DATE 10/01/82

EPH	HFG DESCRIPTION	MODEL	STATUS S E BLDG. ELEV. DETAIL	***SEISMIC (S) PARAMETERS***					FREQ QID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
				TH	HL	TEST	AHL	FO C			
CRD-POS-1273031 POSITION SWITCH	M302		A B R 522 K2/R.4	1	0	A			248003	H528 02C12	C4 A
CRD-POS-1273035 POSITION SWITCH	M302		A B R 522 K2/R.4	1	0	A			248003	H528 02C12	C4 A
CRD-POS-1273039 POSITION SWITCH	M302		A B R 522 K2/R.4	1	0	A			248003	H528 02C12	C4 A
CRD-POS-1273043 POSITION SWITCH	M302		A B R 522 K2/R.4	1	0	A			248003	H528 02C12	C4 A
CRD-POS-1273047 POSITION SWITCH	M302		A B R 522 K2/R.4	1	0	A			248003	H528 02C12	C4 A
CRD-POS-1273051 POSITION SWITCH	M302		A B R 522 K2/R.4	1	0	A			248003	H528 02C12	C4 A
CRD-POS-1273055 POSITION SWITCH	M302		A B R 522 K2/R.4	1	0	A			248003	H528 02C12	C4 A
CRD-POS-1273059 POSITION SWITCH	M302		A B R 522 K2/R.4	1	0	A			248003	H528 02C12	C4 A
CRD-POS-1273403 POSITION SWITCH	M302		A B R 522 L5/R.4	1	0	A			248003	H528 02C12	C4 A
CRD-POS-1273407 POSITION SWITCH	M302		A B R 522 L5/R.4	1	0	A			248003	H528 02C12	C4 A
CRD-POS-1273411 POSITION SWITCH	M302		A B R 522 L5/R.4	1	0	A			248003	H528 02C12	C4 A
CRD-POS-1273415 POSITION SWITCH	M302		A B R 522 L5/R.4	1	0	A			248003	H528 02C12	C4 A
CRD-POS-1273419 POSITION SWITCH	M302		A B R 522 L5/R.4	1	0	A			248003	H528 02C12	C4 A
CRD-POS-1273423 POSITION SWITCH	M302		A B R 522 L5/R.4	1	0	A			248003	H528 02C12	C4 A
CRD-POS-1273427 POSITION SWITCH	M302		A B R 522 L5/R.4	1	0	A			248003	H528 02C12	C4 A
CRD-POS-1273431 POSITION SWITCH	M302		A B R 522 K2/R.4	1	0	A			248003	H528 02C12	C4 A
CRD-POS-1273435 POSITION SWITCH	M302		A B R 522 K2/P.4	1	0	A			248003	H528 02C12	C4 A
CRD-POS-1273439 POSITION SWITCH	M302		A B R 522 K2/R.4	1	0	A			248003	H528 02C12	C4 A

PROGRAM CIE-SQRT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00043
DATE 10/01/82

EPN	MFG DESCRIPTION	MODEL	BLDG. ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***			FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TM USE	HL SAFETY FUNCTION	ANL FO C QID			
CRD-POS-1273443 POSITION SWITCH	M302		R 522 K2/R.4	A B 1 0	N 612 A		248003	M528 02C12	C4 3	A
CRD-POS-1273447 POSITION SWITCH	M302		R 522 K2/R.4	A B 1 0	N 612 A		248003	M528 02C12	C4 3	A
CRD-POS-1273451 POSITION SWITCH	M302		R 522 K2/R.4	A B 1 0	N 612 A		248003	M528 02C12	C4 3	A
CRD-POS-1273455 POSITION SWITCH	M302		R 522 K2/R.4	A B 1 0	N 612 A		248003	M528 02C12	C4 3	A
CRD-POS-1273459 POSITION SWITCH	M302		R 522 K2/R.4	A B 1 0	N 612 A		248003	M528 02C12	C4 3	A
CRD-POS-1273803 POSITION SWITCH	M302		R 522 L5/R.4	A B 1 0	N 612 A		248003	M528 02C12	C4 3	A
CRD-POS-1273807 POSITION SWITCH	M302		R 522 L5/R.4	A B 1 0	N 612 A		248003	M528 02C12	C4 3	A
CRD-POS-1273811 POSITION SWITCH	M302		R 522 L5/R.4	A B 1 0	N 612 A		248003	M528 02C12	C4 3	A
CRD-POS-1273815 POSITION SWITCH	M302		R 522 L5/R.4	A B 1 0	N 612 A		248003	M528 02C12	C4 3	A
CRD-POS-1273819 POSITION SWITCH	M302		R 522 L5/R.4	A B 1 0	N 612 A		248003	M528 02C12	C4 3	A
CRD-POS-1273823 POSITION SWITCH	M302		R 522 L5/R.4	A B 1 0	N 612 A		248003	M528 02C12	C4 3	A
CRD-POS-1273827 POSITION SWITCH	M302		R 522 L5/R.4	A B 1 0	N 612 A		248003	M528 02C12	C4 3	A
CRD-POS-1273831 POSITION SWITCH	M302		R 522 K2/R.4	A B 1 0	N 612 A		248003	M528 02C12	C4 3	A
CRD-POS-1273835 POSITION SWITCH	M302		R 522 K2/R.4	A B 1 0	N 612 A		248003	M528 02C12	C4 3	A
CRD-POS-1273839 POSITION SWITCH	M302		R 522 K2/R.4	A B 1 0	N 612 A		248003	M528 02C12	C4 3	A
CRD-POS-1273843 POSITION SWITCH	M302		R 522 K2/R.4	A B 1 0	N 612 A		248003	M528 02C12	C4 3	A
CRD-POS-1273847 POSITION SWITCH	M302		R 522 K2/R.4	A B 1 0	N 612 A		248003	M528 02C12	C4 3	A
CRD-POS-1273851 POSITION SWITCH	M302		R 522 K2/R.4	A B 1 0	N 612 A		248003	M528 02C12	C4 3	A

PROGRAM CIE-SQRT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00044
DATE 10/01/82

EPN	HFG DESCRIPTION	MODEL	STATUS S E BLOG ELEV. DETAIL	***SEISMIC (S) PARAMETERS***				FREQ Q10	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
				TH	HL	TEST	AHL FO C			
CRD-POS-1273855	M302		A B		N	612				
POSITION SWITCH			R 522 K2/8.4	1	0	A		248003	H528 02C12	C4 A
CRD-POS-1273859	M302		A B		N	612				
POSITION SWITCH			R 522 K2/8.4	1	0	A		248003	H528 02C12	C4 A
CRD-POS-1274203	M302		A B		N	612				
POSITION SWITCH			R 522 L5/8.4	1	0	A		248003	H528 02C12	C4 A
CRD-POS-1274207	M302		A B		N	612				
POSITION SWITCH			R 522 L5/8.4	1	0	A		248003	H528 02C12	C4 A
CRD-POS-1274211	M302		A B		N	612				
POSITION SWITCH			R 522 L5/8.4	1	0	A		248003	H528 02C12	C4 A
CRD-POS-1274215	M302		A B		N	612				
POSITION SWITCH			R 522 L5/8.4	1	0	A		248003	H528 02C12	C4 A
CRD-POS-1274219	M302		A B		N	612				
POSITION SWITCH			R 522 L5/8.4	1	0	A		248003	H528 02C12	C4 A
CRD-POS-1274223	M302		A B		N	612				
POSITION SWITCH			R 522 L5/8.4	1	0	A		248003	H528 02C12	C4 A
CRD-POS-1274227	M302		A B		N	612				
POSITION SWITCH			R 522 L5/8.4	1	0	A		248003	H528 02C12	C4 A
CRD-POS-1274231	M302		A B		N	612				
POSITION SWITCH			R 522 K2/8.4	1	0	A		248003	H528 02C12	C4 A
CRD-POS-1274235	M302		A B		N	612				
POSITION SWITCH			R 522 K2/8.4	1	0	A		248003	H528 02C12	C4 A
CRD-POS-1274239	M302		A B		N	612				
POSITION SWITCH			R 522 K2/8.4	1	0	A		248003	H528 02C12	C4 A
CRD-POS-1274243	M302		A B		N	612				
POSITION SWITCH			R 522 K2/8.4	1	0	A		248003	H528 02C12	C4 A
CRD-POS-1274247	M302		A B		N	612				
POSITION SWITCH			R 522 K2/8.4	1	0	A		248003	H528 02C12	C4 A
CRD-POS-1274251	M302		A B		N	612				
POSITION SWITCH			R 522 K2/8.4	1	0	A		248003	H528 02C12	C4 A
CRD-POS-1274255	M302		A B		N	612				
POSITION SWITCH			R 522 K2/8.4	1	0	A		248003	H528 02C12	C4 A
CRD-POS-1274259	M302		A B		N	612				
POSITION SWITCH			R 522 K2/8.4	1	0	A		248003	H528 02C12	C4 A
CRD-POS-1274607	M302		A B		N	612				
POSITION SWITCH			R 522 L5/8.4	1	0	A		248003	H528 02C12	C4 A

EPN	MFG DESCRIPTION	MODEL	STATUS		**SEISMIC (S) PARAMETERS**			FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
			BLOG ELEV	DETAIL	TH	HL TEST	ANL FD C			
					USE	SAFETY FUNCTION		QID		
CRD-POS-1274611 POSITION SWITCH	M302		R 522 L5/B.4	A B	1 0	N 612	A	248003	M528 02C12	C4 3 A
CRD-POS-1274615 POSITION SWITCH	M302		R 522 L5/B.4	A B	1 0	N 612	A	248003	M528 02C12	C4 3 A
CRD-POS-1274619 POSITION SWITCH	M302		R 522 L5/B.4	A B	1 0	N 612	A	248003	M528 02C12	C4 3 A
CRD-POS-1274623 POSITION SWITCH	M302		R 522 L5/B.4	A B	1 0	N 612	A	248003	M528 02C12	C4 3 A
CRD-POS-1274627 POSITION SWITCH	M302		R 522 L5/B.4	A B	1 0	N 612	A	248003	M528 02C12	C4 3 A
CRD-POS-1274631 POSITION SWITCH	M302		R 522 K2/B.4	A B	1 0	N 612	A	248003	M528 02C12	C4 3 A
CRD-POS-1274635 POSITION SWITCH	M302		R 522 K2/B.4	A B	1 0	N 612	A	248003	M528 02C12	C4 3 A
CRD-POS-1274639 POSITION SWITCH	M302		R 522 K2/B.4	A B	1 0	N 612	A	248003	M528 02C12	C4 3 A
CRD-POS-1274643 POSITION SWITCH	M302		R 522 K2/B.4	A B	1 0	N 612	A	248003	M528 02C12	C4 3 A
CRD-POS-1274647 POSITION SWITCH	M302		R 522 K2/B.4	A B	1 0	N 612	A	248003	M528 02C12	C4 3 A
CRD-POS-1274651 POSITION SWITCH	M302		R 522 K2/B.4	A B	1 0	N 612	A	248003	M528 02C12	C4 3 A
CRD-POS-1274655 POSITION SWITCH	M302		R 522 K2/B.4	A B	1 0	N 612	A	248003	M528 02C12	C4 3 A
CRD-POS-1275011 POSITION SWITCH	M302		R 522 L5/B.4	A B	1 0	N 612	A	248003	M528 02C12	C4 3 A
CRD-POS-1275015 POSITION SWITCH	M302		R 522 L5/B.4	A B	1 0	N 612	A	248003	M528 02C12	C4 3 A
CRD-POS-1275019 POSITION SWITCH	M302		R 522 L5/B.4	A B	1 0	N 612	A	248003	M528 02C12	C4 3 A
CRD-POS-1275023 POSITION SWITCH	M302		R 522 L5/B.4	A B	1 0	N 612	A	248003	M528 02C12	C4 3 A
CRD-POS-1275027 POSITION SWITCH	M302		R 522 L5/B.4	A B	1 0	N 612	A	248003	M528 02C12	C4 3 A
CRD-POS-1275031 POSITION SWITCH	M302		R 522 K2/B.4	A B	1 0	N 612	A	248003	M528 02C12	C4 3 A

PROGRAM CIE-SQRT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00046
DATE 10/01/82

EPN	MFG DESCRIPTION	MODEL	BLOG ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***			A/E DRAWING CONTRACT	A/E 'ZONE LEVEL EC
					TH	HL TEST ANL FO C	FREQ		
					USE	SAFETY FUNCTION	QID		
CRD-POS-1275035	M302			A B	N	612		M528	C4
POSITION SWITCH			R 522 K2/8.4	1 0	A		248003	02C12	3 A
CRD-POS-1275039	M302			A B	N	612		M528	C4
POSITION SWITCH			R 522 K2/8.4	1 0	A		248003	02C12	3 A
CRD-POS-1275043	M302			A B	N	612		M528	C4
POSITION SWITCH			R 522 K2/8.4	1 0	A		248003	02C12	3 A
CRD-POS-1275047	M302			A B	N	612		M528	C4
POSITION SWITCH			R 522 K2/8.4	1 0	A		248003	02C12	3 A
CRD-POS-1275051	M302			A B	N	612		M528	C4
POSITION SWITCH			R 522 K2/8.4	1 0	A		248003	02C12	3 A
CRD-POS-1275115	M302			A B	N	612		M528	C4
POSITION SWITCH			R 522 L5/8.4	1 0	A		248003	02C12	3 A
CRD-POS-1275119	M302			A B	N	612		M528	C4
POSITION SWITCH			R 522 L5/8.4	1 0	A		248003	02C12	3 A
CRD-POS-1275123	M302			A B	N	612		M528	C4
POSITION SWITCH			R 522 L5/8.4	1 0	A		248003	02C12	3 A
CRD-POS-1275127	M302			A B	N	612		M528	C4
POSITION SWITCH			R 522 L5/8.4	1 0	A		248003	02C12	3 A
CRD-POS-1275131	M302			A B	N	612		M528	C4
POSITION SWITCH			R 522 K2/8.4	1 0	A		248003	02C12	3 A
CRD-POS-1275135	M302			A B	N	612		M528	C4
POSITION SWITCH			R 522 K2/8.4	1 0	A		248003	02C12	3 A
CRD-POS-1275139	M302			A B	N	612		M528	C4
POSITION SWITCH			R 522 K2/8.4	1 0	A		248003	02C12	3 A
CRD-POS-1275143	M302			A B	N	612		M528	C4
POSITION SWITCH			R 522 K2/8.4	1 0	A		248003	02C12	3 A
CRD-POS-1275147	M302			A B	N	612		M528	C4
POSITION SWITCH			R 522 K2/8.4	1 0	A		248003	02C12	3 A
CRD-POS-1275151	M302			A B	N	612		M528	C4
POSITION SWITCH			R 522 L5/8.4	1 0	A		248003	02C12	3 A
CRD-POS-1275155	M302			A B	N	612		M528	C4
POSITION SWITCH			R 522 L5/8.4	1 0	A		248003	02C12	3 A
CRD-POS-1275159	M302			A B	N	612		M528	C4
POSITION SWITCH			R 522 K2/8.4	1 0	A		248003	02C12	3 A
CRD-POS-1275163	M302			A B	N	612		M528	C4
POSITION SWITCH			R 522 K2/8.4	1 0	A		248003	02C12	3 A
CRD-POS-1275167	M302			A B	N	612		M528	C4
POSITION SWITCH			R 522 K2/8.4	1 0	A		248003	02C12	3 A
CRD-POS-1275171	M302			A B	N	612		M528	C4
POSITION SWITCH			R 522 K2/8.4	1 0	A		248003	02C12	3 A
CRD-POS-1275175	M302			A B	N	612		M528	C4
POSITION SWITCH			R 522 K2/8.4	1 0	A		248003	02C12	3 A
CRD-POS-1275179	M302			A B	N	612		M528	C4
POSITION SWITCH			R 522 K2/8.4	1 0	A		248003	02C12	3 A
CRD-POS-1275183	M302			A B	N	612		M528	C4
POSITION SWITCH			R 522 K2/8.4	1 0	A		248003	02C12	3 A
CRD-POS-1275187	M302			A B	N	612		M528	C4
POSITION SWITCH			R 522 K2/8.4	1 0	A		248003	02C12	3 A
CRD-POS-1275191	M302			A B	N	612		M528	C4
POSITION SWITCH			R 522 K2/8.4	1 0	A		248003	02C12	3 A
CRD-POS-1275195	M302			A B	N	612		M528	C4
POSITION SWITCH			R 522 K2/8.4	1 0	A		248003	02C12	3 A
CRD-POS-1275199	M302			A B	N	612		M528	C4
POSITION SWITCH			R 522 K2/8.4	1 0	A		248003	02C12	3 A
CRD-POS-1275203	M302			A B	N	612		M528	C4
POSITION SWITCH			R 522 K2/8.4	1 0	A		248003	02C12	3 A
CRD-POS-1275207	M302			A B	N	612		M528	C4
POSITION SWITCH			R 522 K2/8.4	1 0	A		248003	02C12	3 A
CRD-POS-1275211	M302			A B	N	612		M528	C4
POSITION SWITCH			R 522 K2/8.4	1 0	A		248003	02C12	3 A
CRD-POS-1275215	M302			A B	N	612		M528	C4
POSITION SWITCH			R 522 K2/8.4	1 0	A		248003	02C12	3 A
CRD-POS-1275219	M302			A B	N	612		M528	C4
POSITION SWITCH			R 522 K2/8.4	1 0	A		248003	02C12	3 A
CRD-POS-1275223	M302			A B	N	612		M528	C4
POSITION SWITCH			R 522 K2/8.4	1 0	A		248003	02C12	3 A
CRD-POS-1275227	M302			A B	N	612		M528	C4
POSITION SWITCH			R 522 K2/8.4	1 0	A		248003	02C12	3 A
CRD-POS-1275231	M302			A B	N	612		M528	C4
POSITION SWITCH			R 522 K2/8.4	1 0	A		248003	02C12	3 A

PROGRAM CIE-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00047
DATE 10/01/82

EPN	MFG	MODEL	STATUS		***SEISMIC (S) PARAMETERS***			FREQ	A/E DRAWING	A/E ZONE
			S E	DETAIL	TH	HL TEST	ANL FO C			
CRD-POS-1275835	M302		A B		N	612		M528		C4
POSITION SWITCH		R 522 K2/R.4		1 0	A		248003	02C12	3	A
CRD-POS-1275839	M302		A B		N	612		M528		C4
POSITION SWITCH		R 522 K2/R.4		1 0	A		248003	02C12	3	A
CRD-POS-1275843	M302		A B		N	612		M528		C4
POSITION SWITCH		R 522 K2/R.4		1 0	A		248003	02C12	3	A
CRD-PS-130/0219	B069	B1T-GH32SS	A B		N	612		M528		C4
ACCUM PRESS 970-940 PSIG DECREASES		R 522 L5/R.4		1 3	A		256019	02C12	2	A
CRD-PS-130/0223	B069	B1T-GH32SS	A B		N	612		M528		C4
ACCUM PRESS 970-940 PSIG DECREASES		R 522 L5/R.4		1 3	A		256019	02C12	2	A
CRD-PS-130/0227	B069	B1T-GH32SS	A B		N	612		M528		C4
ACCUM PRESS 970-940 PSIG DECREASES		R 522 L5/R.4		1 3	A		256019	02C12	2	A
CRD-PS-130/0231	B069	B1T-GH32SS	A B		N	612		M528		C4
ACCUM PRESS 970-940 PSIG DECREASES		R 522 L5/R.4		1 3	A		256019	02C12	2	A
CRD-PS-130/0235	B069	B1T-GH32SS	A B		N	612		M528		C4
ACCUM PRESS 970-940 PSIG DECREASES		R 522 K2/R.4		1 3	A		256019	02C12	2	A
CRD-PS-130/0239	B069	B1T-GH32SS	A B		N	612		M528		C4
ACCUM PRESS 970-940 PSIG DECREASES		R 522 K2/R.4		1 3	A		256019	02C12	2	A
CRD-PS-130/0243	B069	B1T-GH32SS	A B		N	612		M528		C4
ACCUM PRESS 970-940 PSIG DECREASES		R 522 K2/R.4		1 3	A		256019	02C12	2	A
CRD-PS-130/0615	B069	B1T-GH32SS	A B		N	612		M528		C4
ACCUM PRESS 970-940 PSIG DECREASES		R 522 L5/R.4		1 3	A		256019	02C12	2	A
CRD-PS-130/0619	B069	B1T-GH32SS	A B		N	612		M528		C4
ACCUM PRESS 970-940 PSIG DECREASES		R 522 L5/R.4		1 3	A		256019	02C12	2	A
CRD-PS-130/0623	B069	B1T-GH32SS	A B		N	612		M528		C4
ACCUM PRESS 970-940 PSIG DECREASES		R 522 L5/R.4		1 3	A		256019	02C12	2	A
CRD-PS-130/0627	B069	B1T-GH32SS	A B		N	612		M528		C4
ACCUM PRESS 970-940 PSIG DECREASES		R 522 L5/R.4		1 3	A		256019	02C12	2	A
CRD-PS-130/0631	B069	B1T-GH32SS	A B		N	612		M528		C4
ACCUM PRESS 970-940 PSIG DECREASES		R 522 L5/R.4		1 3	A		256019	02C12	2	A
CRD-PS-130/0635	B069	B1T-GH32SS	A B		N	612		M528		C4
ACCUM PRESS 970-940 PSIG DECREASES		R 522 K2/R.4		1 3	A		256019	02C12	2	A
CRD-PS-130/0639	B069	B1T-GH32SS	A B		N	612		M528		C4
ACCUM PRESS 970-940 PSIG DECREASES		R 522 K2/R.4		1 3	A		256019	02C12	2	A
CRD-PS-130/0643	B069	B1T-GH32SS	A B		N	612		M528		C4
ACCUM PRESS 970-940 PSIG DECREASES		R 522 K2/R.4		1 3	A		256019	02C12	2	A

EPN	MFG	MODEL	STATUS S E	BLDG ELEV	***SEISMIC (S) PARAMETERS***				FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TH	HL	TEST	AHL	FO		
DESCRIPTION			DETAIL		USE	SAFETY	FUNCTION		QID		
CRD-PS-130/0647 ACCUM PRESS 970-940 PSIG DECREAS	B069	B11-GH32SS	A B	R 522 K2/R.4	M	612			256019	H528 02C12	C4 2 A
CRD-PS-130/1011 ACCUM PRESS 970-940 PSIG DECREAS	B069	B11-GH32SS	A B	R 522 L5/R.4	M	612			256019	H528 02C12	C4 2 A
CRD-PS-130/1015 ACCUM PRESS 970-940 PSIG DECREAS	B069	B11-GH32SS	A B	R 522 L5/R.4	M	621			256019	H528 02C12	C4 2 A
CRD-PS-130/1019 ACCUM PRESS 970-940 PSIG DECREAS	B069	B11-GH32SS	A B	R 522 L5/R.4	M	612			256019	H528 02C12	C4 2 A
CRD-PS-130/1023 ACCUM PRESS 970-940 PSIG DECREAS	B069	B11-GH32SS	A B	R 522 L5/R.4	M	612			256019	H528 02C12	C4 2 A
CRD-PS-130/1027 ACCUM PRESS 970-940 PSIG DECREAS	B069	B11-GH32SS	A B	R 522 L5/R.4	M	612			256019	H528 02C12	C4 2 A
CRD-PS-130/1031 ACCUM PRESS 970-940 PSIG DECREAS	B069	B11-GH32SS	A B	R 522 L5/R.4	M	621			256019	H528 02C12	C4 2 A
CRD-PS-130/1035 ACCUM PRESS 970-940 PSIG DECREAS	B069	B11-GH32SS	A B	R 522 K2/R.4	M	612			256019	H528 02C12	C4 2 A
CRD-PS-130/1039 ACCUM PRESS 970-940 PSIG DECREAS	B069	B11-GH32SS	A B	R 522 K2/R.4	M	612			256019	H528 02C12	C4 2 A
CRD-PS-130/1043 ACCUM PRESS 970-940 PSIG DECREAS	B069	B11-GH32SS	A B	R 522 K2/R.4	M	612			256019	H528 02C12	C4 2 A
CRD-PS-130/1047 ACCUM PRESS 970-940 PSIG DECREAS	B069	B11-GH32SS	A B	R 522 K2/R.4	M	612			256019	H528 02C12	C4 2 A
CRD-PS-130/1051 ACCUM PRESS 970-940 PSIG DECREAS	B069	B11-GH32SS	A B	R 522 K2/R.4	M	612			256019	H528 02C12	C4 2 A
CRD-PS-130/1407 ACCUM PRESS 970-940 PSIG DECREAS	B069	B11-GH32SS	A B	R 522 L5/R.4	M	612			256019	H528 02C12	C4 2 A
CRD-PS-130/1411 ACCUM PRESS 970-940 PSIG DECREAS	B069	B11-GH32SS	A B	R 522 L5/R.4	M	612			256019	H528 02C12	C4 2 A
CRD-PS-130/1415 ACCUM PRESS 970-940 PSIG DECREAS	B069	B11-GH32SS	A B	R 522 L5/R.4	M	612			256019	H528 02C12	C4 2 A
CRD-PS-130/1419 ACCUM PRESS 970-940 PSIG DECREAS	B069	B11-GH32SS	A B	R 522 L5/R.4	M	612			256019	H528 02C12	C4 2 A
CRD-PS-130/1423 ACCUM PRESS 970-940 PSIG DECREAS	B069	B11-GH32SS	A B	R 522 L5/R.4	M	612			256019	H528 02C12	C4 2 A
CRD-PS-130/1427 ACCUM PRESS 970-940 PSIG DECREAS	B069	B11-GH32SS	A B	R 522 L5/R.4	M	612			256019	H528 02C12	C4 2 A

EPN	MFG DESCRIPTION	MODEL	BLOG ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***			FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TM	HL TEST ANL FO C	USE SAFETY FUNCTION			
CRD-PS-130/1431	B069 BIT-GH32SS			A B	N	612				
ACCUM PRESS 970-940 PSIG DECREAS			R 522 L5/R.4		1 3	A		256019	02C12	C4 A
CRD-PS-130/1435	B069 BIT-GH32SS			A B	N	612				
ACCUM PRESS 970-940 PSIG DECREAS			R 522 K2/R.4		1 3	A		256019	02C12	C4 A
CRD-PS-130/1439	B069 BIT-GH32SS			A B	N	612				
ACCUM PRESS 970-940 PSIG DECREAS			R 522 K2/R.4		1 3	A		256019	02C12	C4 A
CRD-PS-130/1443	B069 BIT-GH32SS			A B	N	612				
ACCUM PRESS 970-940 PSIG DECREAS			R 522 K2/R.4		1 3	A		256019	02C12	C4 A
CRD-PS-130/1447	B069 BIT-GH32SS			A B	N	612				
ACCUM PRESS 970-940 PSIG DECREAS			R 522 K2/R.4		1 3	A		256019	02C12	C4 A
CRD-PS-130/1451	B069 BIT-GH32SS			A B	N	612				
ACCUM PRESS 970-940 PSIG DECREAS			R 522 K2/R.4		1 3	A		256019	02C12	C4 A
CRD-PS-130/1455	B069 BIT-GH32SS			A B	N	612				
ACCUM PRESS 970-940 PSIG DECREAS			R 522 K2/R.4		1 3	A		256019	02C12	C4 A
CRD-PS-130/1803	B069 BIT-GH32SS			A B	N	612				
ACCUM PRESS 970-940 PSIG DECREAS			R 522 L5/R.4		1 3	A		256019	02C12	C4 A
CRD-PS-130/1807	B069 BIT-GH32SS			A B	N	612				
ACCUM PRESS 970-940 PSIG DECREAS			R 522 L5/R.4		1 3	A		256019	02C12	C4 A
CRD-PS-130/1811	B069 BIT-GH32SS			A B	N	612				
ACCUM PRESS 970-940 PSIG DECREAS			R 522 L5/R.4		1 3	A		256019	02C12	C4 A
CRD-PS-130/1815	B069 BIT-GH32SS			A B	N	612				
ACCUM PRESS 970-940 PSIG DECREAS			R 522 L5/R.4		1 3	A		256019	02C12	C4 A
CRD-PS-130/1819	B069 BIT-GH32SS			A B	N	612				
ACCUM PRESS 970-940 PSIG DECREAS			R 522 L5/R.4		1 3	A		256019	02C12	C4 A
CRD-PS-130/1823	B069 BIT-GH32SS			A B	N	612				
ACCUM PRESS 970-940 PSIG DECREAS			R 522 L5/R.4		1 3	A		256019	02C12	C4 A
CRD-PS-130/1827	B069 BIT-GH32SS			A B	N	612				
ACCUM PRESS 970-940 PSIG DECREAS			R 522 L5/R.4		1 3	A		256019	02C12	C4 A
CRD-PS-130/1831	B069 BIT-GH32SS			A B	N	612				
ACCUM PRESS 970-940 PSIG DECREAS			R 522 L5/R.4		1 3	A		256019	02C12	C4 A
CRD-PS-130/1835	B069 BIT-GH32SS			A B	N	612				
ACCUM PRESS 970-940 PSIG DECREAS			R 522 K2/R.4		1 3	A		256019	02C12	C4 A
CRD-PS-130/1839	B069 BIT-GH32SS			A B	N	612				
ACCUM PRESS 970-940 PSIG DECREAS			R 522 K2/R.4		1 3	A		256019	02C12	C4 A
CRD-PS-130/1843	B069 BIT-GH32SS			A B	N	612				
ACCUM PRESS 970-940 PSIG DECREAS			R 522 K2/R.4		1 3	A		256019	02C12	C4 A

PROGRAM C1E-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
MNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00050
DATE 10/01/82

EPN	HFG DESCRIPTION	MODEL	STATUS S E BLOG ELEV DETAIL	SEISMIC (S) PARAMETERS TM HL TEST ANL FO C USE SAFETY FUNCTION	FREQ QID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
CRD-PS-130/1847	B069 BIT-GH32SS ACCUM PRESS 970-940 PSIG DECREAS		A B R 522 K2/B.4	N 612 1 3 A	256019	M528 02C12	C4 2 A
CRD-PS-130/1851	B069 BIT-GH32SS ACCUM PRESS 970-940 PSIG DECREAS		A B R 522 K2/B.4	N 612 1 3 A	256019	M528 02C12	C4 2 A
CRD-PS-130/1855	B069 BIT-GH32SS ACCUM PRESS 970-940 PSIG DECREAS		A B R 522 K2/B.4	N 612 1 3 A	256019	M528 02C12	C4 2 A
CRD-PS-130/1859	B069 BIT-GH32SS ACCUM PRESS 970-940 PSIG DECREAS		A B R 522 K2/B.4	N 612 1 3 A	256019	M528 02C12	C4 2 A
CRD-PS-130/2203	B069 BIT-GH32SS ACCUM PRESS 970-940 PSIG DECREAS		A B R 522 L5/B.4	N 612 1 3 A	256019	M528 02C12	C4 2 A
CRD-PS-130/2207	B069 BIT-GH32SS ACCUM PRESS 970-940 PSIG DECREAS		A B R 522 L5/B.4	N 612 1 3 A	256019	M528 02C12	C4 2 A
CRD-PS-130/2211	B069 BIT-GH32SS ACCUM PRESS 970-940 PSIG DECREAS		A B R 522 L5/B.4	N 612 1 3 A	256019	M528 02C12	C4 2 A
CRD-PS-130/2215	B069 BIT-GH32SS ACCUM PRESS 970-940 PSIG DECREAS		A B R 522 L5/B.4	N 612 1 3 A	256019	M528 02C12	C4 2 A
CRD-PS-130/2219	B069 BIT-GH32SS ACCUM PRESS 970-940 PSIG DECREAS		A B R 522 L5/B.4	N 612 1 3 A	256019	M528 02C12	C4 2 A
CRD-PS-130/2223	B069 BIT-GH32SS ACCUM PRESS 970-940 PSIG DECREAS		A B R 522 L5/B.4	N 612 1 3 A	256019	M528 02C12	C4 2 A
CRD-PS-130/2227	B069 BIT-GH32SS ACCUM PRESS 970-940 PSIG DECREAS		A B R 522 L5/B.4	N 612 1 3 A	256019	M528 02C12	C4 2 A
CRD-PS-130/2231	B069 BIT-GH32SS ACCUM PRESS 970-940 PSIG DECREAS		A B R 522 L5/B.4	N 612 1 3 A	256019	M528 02C12	C4 2 A
CRD-PS-130/2235	B069 BIT-GH32SS ACCUM PRESS 970-940 PSIG DECREAS		A B R 522 K2/B.4	N 612 1 3 A	256019	M528 02C12	C4 2 A
CRD-PS-130/2239	B069 BIT-GH32SS ACCUM PRESS 970-940 PSIG DECREAS		A B R 522 K2/B.4	N 612 1 3 A	256019	M528 02C12	C4 2 A
CRD-PS-130/2243	B069 BIT-GH32SS ACCUM PRESS 970-940 PSIG DECREAS		A B R 522 K2/B.4	N 612 1 3 A	256019	M528 02C12	C4 2 A
CRD-PS-130/2247	B069 BIT-GH32SS ACCUM PRESS 970-940 PSIG DECREAS		A B R 522 K2/B.4	N 612 1 3 A	256019	M528 02C12	C4 2 A
CRD-PS-130/2251	B069 BIT-GH32SS ACCUM PRESS 970-940 PSIG DECREAS		A B R 522 K2/B.4	N 612 1 3 A	256019	M528 02C12	C4 2 A
CRD-PS-130/2255	B069 BIT-GH32SS ACCUM PRESS 970-940 PSIG DECREAS		A B R 522 K2/B.4	N 612 1 3 A	256019	M528 02C12	C4 2 A

EPN	MFG	MODEL	STATUS		***SEISMIC (S) PARAMETERS***			FREQ	A/E DRAWING	A/E ZONE
			S	E	TH	HL	TEST ANL FO C			
DESCRIPTION			BLOG FLEV		USE SAFETY FUNCTION			910	CONTRACT	LEVEL EC
CRD-PS-130/2259	B069	B1T-GH32SS	A B		N	612		M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS			R	522 K2/B.4	1	3	A	256019 02C12	2	A
CRD-PS-130/2603	B069	B1T-GH32SS	A B		N	612		M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS			R	522 L5/B.4	1	3	A	256019 02C12	2	A
CRD-PS-130/2607	B069	B1T-GH32SS	A B		N	612		M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS			R	522 L5/B.4	1	3	A	256019 02C12	2	A
CRD-PS-130/2611	B069	B1T-GH32SS	A B		N	612		M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS			R	522 L5/B.4	1	3	A	256019 02C12	2	A
CRD-PS-130/2615	B069	B1T-GH32SS	A B		N	612		M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS			R	522 L5/B.4	1	3	A	256019 02C12	2	A
CRD-PS-130/2619	B069	B1T-GH32SS	A B		N	612		M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS			R	522 L5/B.4	1	3	A	256019 02C12	2	A
CRD-PS-130/2623	B069	B1T-GH32SS	A B		N	612		M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS			R	522 L5/B.4	1	3	A	256019 02C12	2	A
CRD-PS-130/2627	B069	B1T-GH32SS	A B		N	612		M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS			R	522 L5/B.4	1	3	A	256019 02C12	2	A
CRD-PS-130/2631	B069	B1T-GH32SS	A B		N	612		M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS			R	522 L5/B.4	1	3	A	256019 02C12	2	A
CRD-PS-130/2635	B069	B1T-GH32SS	A B		N	612		M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS			R	522 K2/P.4	1	3	A	256019 02C12	2	A
CRD-PS-130/2639	B069	B1T-GH32SS	A B		N	621		M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS			R	522 K2/B.4	1	3	A	256019 02C12	2	A
CRD-PS-130/2643	B069	B1T-GH32SS	A B		N	612		M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS			R	522 K2/B.4	1	3	A	256019 02C12	2	A
CRD-PS-130/2647	B069	B1T-GH32SS	A B		N	612		M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS			R	522 K2/B.4	1	3	A	256019 02C12	2	A
CRD-PS-130/2651	B069	B1T-GH32SS	A B		N	612		M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS			R	522 K2/B.4	1	3	A	256019 02C12	2	A
CRD-PS-130/2655	B069	B1T-GH32SS	A B		N	621		M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS			R	522 K2/B.4	1	3	A	256019 02C12	2	A
CRD-PS-130/2659	B069	B1T-GH32SS	A B		N	612		M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS			R	522 K2/B.4	1	3	A	256019 02C12	2	A
CRD-PS-130/3003	B069	B1T-GH32SS	A B		N	612		M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS			R	522 L5/B.4	1	3	A	256019 02C12	2	A
CRD-PS-130/3007	B069	B1T-GH32SS	A B		N	612		M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS			R	522 L5/F.4	1	3	A	256019 02C12	2	A

PROGRAM C1E-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00052
DATE 10/01/82

EPN	HFG	MODEL	STATUS	SEISMIC (S) PARAMETERS	TH	HL	TEST	AHL	FO	C	FREQ	A/E DRAWING	A/E ZONE
DESCRIPTION		BLOG-ELEV	DETAIL	USE	SAFETY	FUNCTION	QID	CONTRACT	LEVEL	EC			
CRD-PS-130/3011	B069	B1T-GH32SS	A B	M	612						M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS		R 522 L5/B.4		1	3	A					256019 02C12	2	A
CRD-PS-130/3015	B069	B1T-GH32SS	A B	M	612						M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS		R 522 L5/B.4		1	3	A					256019 02C12	2	A
CRD-PS-130/3019	B069	B1T-GH32SS	A B	M	612						M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS		R 522 L5/B.4		1	3	A					256019 02C12	2	A
CRD-PS-130/3023	B069	B1T-GH32SS	A B	M	612						M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS		R 522 L5/B.4		1	3	A					256019 02C12	2	A
CRD-PS-130/3027	B069	B1T-GH32SS	A B	M	612						M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS		R 522 L5/B.4		1	3	A					256019 02C12	2	A
CRD-PS-130/3031	B069	B1T-GH32SS	A B	M	612						M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS		R 522 K2/3.7		1	3	A					256019 02C12	2	A
CRD-PS-130/3035	B069	B1T-GH32SS	A B	M	612						M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS		R 522 K2/3.7		1	3	A					256019 02C12	2	A
CRD-PS-130/3039	B069	B1T-GH32SS	A B	M	612						M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS		R 522 K2/3.7		1	3	A					256019 02C12	2	A
CRD-PS-130/3043	B069	B1T-GH32SS	A B	M	612						M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS		R 522 K2/3.7		1	3	A					256019 02C12	2	A
CRD-PS-130/3047	B069	B1T-GH32SS	A B	M	612						M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS		R 522 K2/3.7		1	3	A					256019 02C12	2	A
CRD-PS-130/3051	B069	B1T-GH32SS	A B	M	612						M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS		R 522 K2/3.7		1	3	A					256019 02C12	2	A
CRD-PS-130/3055	B069	B1T-GH32SS	A B	M	612						M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS		R 522 K2/3.7		1	3	A					256019 02C12	2	A
CRD-PS-130/3059	B069	B1T-GH32SS	A B	M	612						M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS		R 522 K2/3.7		1	3	A					256019 02C12	2	A
CRD-PS-130/3403	B069	B1T-GH32SS	A B	M	612						M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS		R 522 L5/3.7		1	3	A					256019 02C12	2	A
CRD-PS-130/3407	B069	B1T-GH32SS	A B	M	612						M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS		R 522 L5/3.7		1	3	A					256019 02C12	2	A
CRD-PS-130/3411	B069	B1T-GH32SS	A B	M	612						M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS		R 522 L5/3.7		1	3	A					256019 02C12	2	A
CRD-PS-130/3415	B069	B1T-GH32SS	A B	M	612						M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS		R 522 L5/3.7		1	3	A					256019 02C12	2	A
CRD-PS-130/3419	B069	B1T-GH32SS	A B	M	612						M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS		R 522 L5/3.7		1	3	A					256019 02C12	2	A

PROGRAM C1E-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00053
DATE 10/01/82

EPN	HFG DESCRIPTION	MODEL	STATUS S E NLOG ELEV DETAIL	***SEISMIC (S) PARAMETERS***			FREQ OID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
				TH	HL	TEST ANL FO C USE SAFETY FUNCTION			
CRD-PS-130/3423	B069 BIT-GH32SS ACCUM PRESS 970-940 PSIG DECREAS		A B R 522 L5/3.7	N	612		256019	H528 02C12	C4 2 A
CRD-PS-130/3427	B069 BIT-GH32SS ACCUM PRESS 970-940 PSIG DECREAS		A B R 522 L5/3.7	N	612		256019	H528 02C12	C4 2 A
CRD-PS-130/3431	B069 BIT-GH32SS ACCUM PRESS 970-940 PSIG DECREAS		A B R 522 K2/3.7	N	612		256019	H528 02C12	C4 2 A
CRD-PS-130/3435	B069 BIT-GH32SS ACCUM PRESS 970-940 PSIG DECREAS		A B R 522 K2/3.7	N	612		256019	H528 02C12	C4 2 A
CRD-PS-130/3439	B069 BIT-GH32SS ACCUM PRESS 970-940 PSIG DECREAS		A B R 522 K2/3.7	N	612		256019	H528 02C12	C4 2 A
CRD-PS-130/3443	B069 BIT-GH32SS ACCUM PRESS 970-940 PSIG DECREAS		A B R 522 K2/3.7	N	612		256019	H528 02C12	C4 2 A
CRD-PS-130/3447	B069 BIT-GH32SS ACCUM PRESS 970-940 PSIG DECREAS		A B R 522 K2/3.7	N	612		256019	H528 02C12	C4 2 A
CRD-PS-130/3451	B069 BIT-GH32SS ACCUM PRESS 970-940 PSIG DECREAS		A B R 522 K2/3.7	N	612		256019	H528 02C12	C4 2 A
CRD-PS-130/3455	B069 BIT-GH32SS ACCUM PRESS 970-940 PSIG DECREAS		A B R 522 K2/3.7	N	612		256019	H528 02C12	C4 2 A
CRD-PS-130/3459	B069 BIT-GH32SS ACCUM PRESS 970-940 PSIG DECREAS		A B R 522 K2/3.7	N	612		256019	H528 02C12	C4 2 A
CRD-PS-130/3803	B069 BIT-GH32SS ACCUM PRESS 970-940 PSIG DECREAS		A B R 522 L5/3.7	N	612		256019	H528 02C12	C4 2 A
CRD-PS-130/3807	B069 BIT-GH32SS ACCUM PRESS 970-940 PSIG DECREAS		A B R 522 L5/3.7	N	612		256019	H528 02C12	C4 2 A
CRD-PS-130/3811	B069 BIT-GH32SS ACCUM PRESS 970-940 PSIG DECREAS		A B R 522 L5/3.7	N	612		256019	H528 02C12	C4 2 A
CRD-PS-130/3815	B069 BIT-GH32SS ACCUM PRESS 970-940 PSIG DECREAS		A B R 522 L5/3.7	N	612		256019	H528 02C12	C4 2 A
CRD-PS-130/3819	B069 BIT-GH32SS ACCUM PRESS 970-940 PSIG DECREAS		A B R 522 L5/3.7	N	612		256019	H528 02C12	C4 2 A
CRD-PS-130/3823	B069 BIT-GH32SS ACCUM PRESS 970-940 PSIG DECREAS		A B R 522 L5/3.7	N	612		256019	H528 02C12	C4 2 A
CRD-PS-130/3827	B069 BIT-GH32SS ACCUM PRESS 970-940 PSIG DECREAS		A B R 522 L5/3.7	N	612		256019	H528 02C12	C4 2 A
CRD-PS-130/3831	B069 BIT-GH32SS ACCUM PRESS 970-940 PSIG DECREAS		A B R 522 K2/3.7	N	612		256019	H528 02C12	C4 2 A

PROGRAM CIE-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00054
DATE 10/01/82

EPN	MFG	MODEL	STATUS	SEISMIC (S) PARAMETERS	FREQ	A/E DRAWING	A/E ZONE
DESCRIPTION		BLOG. ELEV.	S E DETAIL	TH HL TEST ANL FO C USE SAFETY FUNCTION	Q10	CONTRACT	LEVEL EC
CRD-PS-130/3835	B069	B1T-GH32SS	A.B	N 612	M528	C4	
ACCUM PRESS 970-940 PSIG DECREASES		R 522 K2/3.7	1 3	A	256019 02C12	2	A
CRD-PS-130/3839	B069	B1T-GH32SS	A.B	N 612	M528	C4	
ACCUM PRESS 970-940 PSIG DECREASES		R 522 K2/3.7	1 3	A	256019 02C12	2	A
CRD-PS-130/3843	B069	B1T-GH32SS	A.B	N 612	M528	C4	
ACCUM PRESS 970-940 PSIG DECREASES		R 522 K2/3.7	1 3	A	256019 02C12	2	A
CRD-PS-130/3847	B069	B1T-GH32SS	A.B	N 612	M528	C4	
ACCUM PRESS 970-940 PSIG DECREASES		R 522 K2/3.7	1 3	A	256019 02C12	2	A
CRD-PS-130/3851	B069	B1T-GH32SS	A.B	N 612	M528	C4	
ACCUM PRESS 970-940 PSIG DECREASES		R 522 K2/3.7	1 3	A	256019 02C12	2	A
CRD-PS-130/3855	B069	B1T-GH32SS	A.B	N 612	M528	C4	
ACCUM PRESS 970-940 PSIG DECREASES		R 522 K2/3.7	1 3	A	256019 02C12	2	A
CRD-PS-130/3859	B069	B1T-GH32SS	A.B	N 612	M528	C4	
ACCUM PRESS 970-940 PSIG DECREASES		R 522 K2/3.7	1 3	A	256019 02C12	2	A
CRD-PS-130/4203	B069	B1T-GH32SS	A.B	N 612	M528	C4	
ACCUM PRESS 970-940 PSIG DECREASES		R 522 L5/3.7	1 3	A	256019 02C12	2	A
CRD-PS-130/4207	B069	B1T-GH32SS	A.B	N 612	M528	C4	
ACCUM PRESS 970-940 PSIG DECREASES		R 522 L5/3.7	1 3	A	256019 02C12	2	A
CRD-PS-130/4211	B069	B1T-GH32SS	A.B	N 612	M528	C4	
ACCUM PRESS 970-940 PSIG DECREASES		R 522 L5/3.7	1 3	A	256019 02C12	2	A
CRD-PS-130/4215	B069	B1T-GH32SS	A.B	N 612	M528	C4	
ACCUM PRESS 970-940 PSIG DECREASES		R 522 L5/3.7	1 3	A	256019 02C12	2	A
CRD-PS-130/4219	B069	B1T-GH32SS	A.B	N 612	M528	C4	
ACCUM PRESS 970-940 PSIG DECREASES		R 522 L5/3.7	1 3	A	256019 02C12	2	A
CRD-PS-130/4223	B069	B1T-GH32SS	A.B	N 612	M528	C4	
ACCUM PRESS 970-940 PSIG DECREASES		R 522 L5/3.7	1 3	A	256019 02C12	2	A
CRD-PS-130/4227	B069	B1T-GH32SS	A.B	N 612	M528	C4	
ACCUM PRESS 970-940 PSIG DECREASES		R 522 L5/3.7	1 3	A	256019 02C12	2	A
CRD-PS-130/4231	B069	B1T-GH32SS	A.B	N 612	M528	C4	
ACCUM PRESS 970-940 PSIG DECREASES		R 522 K2/3.7	1 3	A	256019 02C12	2	A
CRD-PS-130/4235	B069	B1T-GH32SS	A.B	N 612	M528	C4	
ACCUM PRESS 970-940 PSIG DECREASES		R 522 K2/3.7	1 3	A	256019 02C12	2	A
CRD-PS-130/4239	B069	B1T-GH32SS	A.B	N 612	M528	C4	
ACCUM PRESS 970-940 PSIG DECREASES		R 522 K2/3.7	1 3	A	256019 02C12	2	A
CRD-PS-130/4243	B069	B1T-GH32SS	A.B	N 621	M528	C4	
ACCUM PRESS 970-940 PSIG DECREASES		R 522 K2/3.7	1 3	A	256019 02C12	2	A

PROGRAM CIE-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00055
DATE 10/01/82

EPN	MFG	MODEL	STATUS	SEISMIC (S) PARAMETERS	FREQ	A/E DRAWING	A/E ZONE
DESCRIPTION		BLDG ELEV	S E DETAIL	TH HL TEST ANL FO C USE SAFETY FUNCTION	OID	CONTRACT	LEVEL EC
CRD-PS-130/4247	B069	B1T-GH32SS	A B	N 612		M528	C4
ACCUM PRESS 970-940 PSIG DECREAS		R 522 K2/3.7	1 3	A	256019	02C12	2 A
CRD-PS-130/4251	B069	B1T-GH32SS	A B	N 612		M528	C4
ACCUM PRESS 970-940 PSIG DECREAS		R 522 K2/3.7	1 3	A	256019	02C12	2 A
CRD-PS-130/4255	B069	B1T-GH32SS	A B	N 612		M528	C4
ACCUM PRESS 970-940 PSIG DECREAS		R 522 K2/3.7	1 3	A	256019	02C12	2 A
CRD-PS-130/4259	B069	B1T-GH32SS	A B	N 612		M528	C4
ACCUM PRESS 970-940 PSIG DECREAS		R 522 K2/3.7	1 3	A	256019	02C12	2 A
CRD-PS-130/4607	B069	B1T-GH32SS	A B	N 612		M528	C4
ACCUM PRESS 970-940 PSIG DECREAS		R 522 L5/3.7	1 3	A	256019	02C12	2 A
CRD-PS-130/4611	B069	B1T-GH32SS	A B	N 612		M528	C4
ACCUM PRESS 970-940 PSIG DECREAS		R 522 L5/3.7	1 3	A	256019	02C12	2 A
CRD-PS-130/4615	B069	B1T-GH32SS	A B	N 612		M528	C4
ACCUM PRESS 970-940 PSIG DECREAS		R 522 L5/3.7	1 3	A	256019	02C12	2 A
CRD-PS-130/4619	B069	B1T-GH32SS	A B	N 612		M528	C4
ACCUM PRESS 970-940 PSIG DECREAS		R 522 L5/3.7	1 3	A	256019	02C12	2 A
CRD-PS-130/4623	B069	B1T-GH32SS	A B	N 612		M528	C4
ACCUM PRESS 970-940 PSIG DECREAS		R 522 L5/3.7	1 3	A	256019	02C12	2 A
CRD-PS-130/4627	B069	B1T-GH32SS	A B	N 612		M528	C4
ACCUM PRESS 970-940 PSIG DECREAS		R 522 L5/3.7	1 3	A	256019	02C12	2 A
CRD-PS-130/4631	B069	B1T-GH32SS	A B	N 612		M528	C4
ACCUM PRESS 970-940 PSIG DECREAS		R 522 K2/3.7	1 3	A	256019	02C12	2 A
CRD-PS-130/4635	B069	B1T-GH32SS	A B	N 612		M528	C4
ACCUM PRESS 970-940 PSIG DECREAS		R 522 K2/3.7	1 3	A	256019	02C12	2 A
CRD-PS-130/4639	B069	B1T-GH32SS	A B	N 612		M528	C4
ACCUM PRESS 970-940 PSIG DECREAS		R 522 K2/3.7	1 3	A	256019	02C12	2 A
CRD-PS-130/4643	B069	B1T-GH32SS	A B	N 612		M528	C4
ACCUM PRESS 970-940 PSIG DECREAS		R 522 K2/3.7	1 3	A	256019	02C12	2 A
CRD-PS-130/4647	B069	B1T-GH32SS	A B	N 612		M528	C4
ACCUM PRESS 970-940 PSIG DECREAS		R 522 K2/3.7	1 3	A	256019	02C12	2 A
CRD-PS-130/4651	B069	B1T-GH32SS	A B	N 612		M528	C4
ACCUM PRESS 970-940 PSIG DECREAS		R 522 K2/3.7	1 3	A	256019	02C12	2 A
CRD-PS-130/4655	B069	B1T-GH32SS	A B	N 612		M528	C4
ACCUM PRESS 970-940 PSIG DECREAS		R 522 K2/3.7	1 3	A	256019	02C12	2 A
CRD-PS-130/5011	B069	B1T-GH32SS	A B	N 612		M528	C4
ACCUM PRESS 970-940 PSIG DECREAS		R 522 L5/3.7	1 3	A	256019	02C12	2 A

PROGRAM CIE-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WHP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00056
DATE 10/01/82

EPN	MFG	MODEL	STATUS		***SEISMIC (S) PARAMETERS***				FREQ	A/E DRAWING	A/E ZONE
			S	E	TH	HL	TEST	ANL			
DESCRIPTION		BLOG	ELEV	DETAIL	USE	SAFETY FUNCTION		OLD	CONTRACT	LEVEL	EC
CRD-PS-130/5015	B069	B1T-GH32SS	A.B		N	612			M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS		R 522 L5/3.7	1	3	A			256019	02C12	2	A
CRD-PS-130/5019	B069	B1T-GH32SS	A.B		N	612			M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS		R 522 L5/3.7	1	3	A			256019	02C12	2	A
CRD-PS-130/5023	B069	B1T-GH32SS	A.B		N	612			M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS		R 522 L5/3.7	1	3	A			256019	02C12	2	A
CRD-PS-130/5027	B069	B1T-GH32SS	A.B		N	621			M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS		R 522 L5/3.7	1	3	A			256019	02C12	2	A
CRD-PS-130/5031	B069	B1T-GH32SS	A.B		N	612			M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS		R 522 K2/3.7	1	3	A			256019	02C12	2	A
CRD-PS-130/5035	B069	B1T-GH32SS	A.B		N	612			M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS		R 522 K2/3.7	1	3	A			256019	02C12	2	A
CRD-PS-130/5039	B069	B1T-GH32SS	A.B		N	612			M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS		R 522 K2/3.7	1	3	A			256019	02C12	2	A
CRD-PS-130/5043	B069	B1T-GH32SS	A.B		N	612			M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS		R 522 K2/3.7	1	3	A			256019	02C12	2	A
CRD-PS-130/5047	B069	B1T-GH32SS	A.B		N	612			M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS		R 522 K2/3.7	1	3	A			256019	02C12	2	A
CRD-PS-130/5051	B069	B1T-GH32SS	A.B		N	612			M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS		R 522 K2/3.7	1	3	A			256019	02C12	2	A
CRD-PS-130/5415	B069	B1T-GH32SS	A.B		N	612			M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS		R 522 L5/3.7	1	3	A			256019	02C12	2	A
CRD-PS-130/5419	B069	B1T-GH32SS	A.B		N	612			M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS		R 522 L5/3.7	1	3	A			256019	02C12	2	A
CRD-PS-130/5423	B069	B1T-GH32SS	A.B		N	612			M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS		R 522 L5/3.7	1	3	A			256019	02C12	2	A
CRD-PS-130/5427	B069	B1T-GH32SS	A.B		N	612			M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS		R 522 L5/3.7	1	3	A			256019	02C12	2	A
CRD-PS-130/5431	B069	B1T-GH32SS	A.B		N	612			M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS		R 522 K2/3.7	1	3	A			256019	02C12	2	A
CRD-PS-130/5435	B069	B1T-GH32SS	A.B		N	612			M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS		R 522 K2/3.7	1	3	A			256019	02C12	2	A
CRD-PS-130/5439	B069	B1T-GH32SS	A.B		N	612			M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS		R 522 K2/3.7	1	3	A			256019	02C12	2	A
CRD-PS-130/5443	B069	B1T-GH32SS	A.B		N	612			M528	C4	
ACCUM PRESS 970-940 PSIG DECREAS		R 522 K2/3.7	1	3	A			256019	02C12	2	A

PROGRAM C1C-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00057
DATE 10/01/82

EPN	HFG	MODEL	STATUS	SEISMIC (S) PARAMETERS	TH HL TEST ANL FO C	FREQ	A/E DRAWING	A/E ZONE
DESCRIPTION		BLOG ELEV	S E. DETAIL	USE SAFETY FUNCTION	QID	CONTRACT	LEVEL EC	
CRD-PS-130/5447	B069	B1T-GH32SS	A B	N 612		H528	C4	
ACCUM PRESS 970-940 PSIG DECREAS		R 522 K2/3.7	1 3	A	256019	02C12	2	A
CRD-PS-130/5819	B069	B1T-GH32SS	A R	N 612		H528	C4	
ACCUM PRESS 970-940 PSIG DECREAS		R 522 L5/3.7	1 3	A	256019	02C12	2	A
CRD-PS-130/5823	B069	B1T-GH32SS	A B	N 612		H528	C4	
ACCUM PRESS 970-940 PSIG DECREAS		R 522 L5/3.7	1 3	A	256019	02C12	2	A
CRD-PS-130/5827	B069	B1T-GH32SS	A B	N 612		H528	C4	
ACCUM PRESS 970-940 PSIG DECREAS		R 522 L5/3.7	1 3	A	256019	02C12	2	A
CRD-PS-130/5831	B069	B1T-GH32SS	A B	N 612		H528	C4	
ACCUM PRESS 970-940 PSIG DECREAS		R 522 K2/3.7	1 3	A	256019	02C12	2	A
CRD-PS-130/5835	B069	B1T-GH32SS	A B	N 612		H528	C4	
ACCUM PRESS 970-940 PSIG DECREAS		R 522 K2/3.7	1 3	A	256019	02C12	2	A
CRD-PS-130/5839	B069	B1T-GH32SS	A B	N 612		H528	C4	
ACCUM PRESS 970-940 PSIG DECREAS		R 522 K2/3.7	1 3	A	256019	02C12	2	A
CRD-PS-130/5843	B069	B1T-GH32SS	A B	N 612		H528	C4	
ACCUM PRESS 970-940 PSIG DECREAS		R 522 K2/3.7	1 3	A	256019	02C12	2	A
CRD-PT-52			P P			H528	D12	
PRESSURE TRANSMITTER AIR SUP.		R 526 H.8/3.8	2 0	G	259001	02	2	A
CRD-SV-117/0219	A610	HVA904052-J	A A	H 612		H528	D2	
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 L5/8.4	1 3	A	315020	02C12	2	A
CRD-SV-117/0223	A610	HVA904052-J	A A	N 612		H528	D2	
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 L5/8.4	1 3	A	315020	02C12	2	A
CRD-SV-117/0227	A610	HVA904052-J	A A	N 612		H528	D2	
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 L5/8.4	1 3	A	315020	02C12	2	A
CRD-SV-117/0231	A610	HVA904052-J	A A	N 612		H528	D2	
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 L5/8.4	1 3	A	315020	02C12	2	A
CRD-SV-117/0235	A610	HVA904052-J	A A	N 612		H528	D2	
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 K2/8.4	1 3	A	315020	02C12	2	A
CRD-SV-117/0239	A610	HVA904052-J	A A	N 612		H528	D2	
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 K2/8.4	1 3	A	315020	02C12	2	A
CRD-SV-117/0243	A610	HVA904052-J	A A	N 612		H528	D2	
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 K2/8.4	1 3	A	315020	02C12	2	A
CRD-SV-117/0615	A610	HVA904052-J	A A	N 612		H528	D2	
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 L5/8.4	1 3	A	315020	02C12	2	A
CRD-SV-117/0619	A610	HVA904052-J	A A	N 612		H528	D2	
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 L5/8.4	1 3	A	315020	02C12	2	A

PROGRAM CIE-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00058
DATE 10/01/82

EPN	MFG	MODEL	STATUS S E	***SEISMIC (S) PARAMETERS*** TM HL TEST ANL FO C USE SAFETY FUNCTION	FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
DESCRIPTION		BLOG ELEV	DETAIL		PID		
CRD-SV-117/0623 SCRAM SOLENOID PILOT CRD-V-1268127	A610	HVA909052-J	A A	N 612	315020	H528 02C12	D2 2 A
CRD-SV-117/0627 SCRAM SOLENOID PILOT CRD-V-1268127	A610	HVA909052-J	A A	N 612	315020	H528 02C12	D2 2 A
CRD-SV-117/0631 SCRAM SOLENOID PILOT CRD-V-1268127	A610	HVA909052-J	A A	N 612	315020	H528 02C12	D2 2 A
CRD-SV-117/0635 SCRAM SOLENOID PILOT CRD-V-1268127	A610	HVA909052-J	A A	N 612	315020	H528 02C12	D2 2 A
CRD-SV-117/0639 SCRAM SOLENOID PILOT CRD-V-1268127	A610	HVA909052-J	A A	N 612	315020	H528 02C12	D2 2 A
CRD-SV-117/0643 SCRAM SOLENOID PILOT CRD-V-1268127	A610	HVA909052-J	A A	N 612	315020	H528 02C12	D2 2 A
CRD-SV-117/0647 SCRAM SOLENOID PILOT CRD-V-1268127	A610	HVA909052-J	A A	N 612	315020	H528 02C12	D2 2 A
CRD-SV-117/1011 SCRAM SOLENOID PILOT CRD-V-1268127	A610	HVA909052-J	A A	N 612	315020	H528 02C12	D2 2 A
CRD-SV-117/1015 SCRAM SOLENOID PILOT CRD-V-1268127	A610	HVA909052-J	A A	N 612	315020	H528 02C12	D2 2 A
CRD-SV-117/1019 SCRAM SOLENOID PILOT CRD-V-1268127	A610	HVA909052-J	A A	N 612	315020	H528 02C12	D2 2 A
CRD-SV-117/1023 SCRAM SOLENOID PILOT CRD-V-1268127	A610	HVA909052-J	A A	N 612	315020	H528 02C12	D2 2 A
CRD-SV-117/1027 SCRAM SOLENOID PILOT CRD-V-1268127	A610	HVA909052-J	A A	N 612	315020	H528 02C12	D2 2 A
CRD-SV-117/1031 SCRAM SOLENOID PILOT CRD-V-1268127	A610	HVA909052-J	A A	N 612	315020	H528 02C12	D2 2 A
CRD-SV-117/1035 SCRAM SOLENOID PILOT CRD-V-1268127	A610	HVA909052-J	A A	N 612	315020	H528 02C12	D2 2 A
CRD-SV-117/1039 SCRAM SOLENOID PILOT CRD-V-1268127	A610	HVA909052-J	A A	N 612	315020	H528 02C12	D2 2 A
CRD-SV-117/1043 SCRAM SOLENOID PILOT CRD-V-1268127	A610	HVA909052-J	A A	N 612	315020	H528 02C12	D2 2 A
CRD-SV-117/1047 SCRAM SOLENOID PILOT CRD-V-1268127	A610	HVA909052-J	A A	N 612	315020	H528 02C12	D2 2 A
CRD-SV-117/1051 SCRAM SOLENOID PILOT CRD-V-1268127	A610	HVA909052-J	A A	N 612	315020	H528 02C12	D2 2 A

FPH	HFG DESCRIPTION	MODEL	STATUS S E BLDG ELEV DETAIL	SEISMIC (S) PARAMETERS			FREQ Q10	A/E DRAWING CONTRACT	A/E ZONE LEVEL CC
				TM	HL	TEST ANL FO C USE SAFETY FUNCTION			
CRD-SV-117/1407	A610 HVA904052-J		A A	N	612				
SCRAM SOLENOID PILOT CRD-V-1264127		R 522 L5/B.4		1 3	A		315020	M528 02C12	D2 2 A
CRD-SV-117/1411	A610 HVA904052-J		A A	N	612				
SCRAM SOLENOID PILOT CRD-V-1264127		R 522 L5/B.4		1 3	A		315020	M528 02C12	D2 2 A
CRD-SV-117/1415	A610 HVA904052-J		A A	N	612				
SCRAM SOLENOID PILOT CRD-V-1264127		R 522 L5/B.4		1 3	A		315020	M528 02C12	D2 2 A
CRD-SV-117/1419	A610 HVA904052-J		A A	N	612				
SCRAM SOLENOID PILOT CRD-V-1264127		R 522 L5/B.4		1 3	A		315020	M528 02C12	D2 2 A
CRD-SV-117/1423	A610 HVA904052-J		A A	N	612				
SCRAM SOLENOID PILOT CRD-V-1264127		R 522 L5/B.4		1 3	A		315020	M528 02C12	D2 2 A
CRD-SV-117/1427	A610 HVA904052-J		A A	N	612				
SCRAM SOLENOID PILOT CRD-V-1264127		R 522 L5/B.4		1 3	A		315020	M528 02C12	D2 2 A
CRD-SV-117/1431	A610 HVA904052-J		A A	N	612				
SCRAM SOLENOID PILOT CRD-V-1264127		R 522 L5/B.4		1 3	A		315020	M528 02C12	D2 2 A
CRD-SV-117/1435	A610 HVA904052-J		A A	N	612				
SCRAM SOLENOID PILOT CRD-V-1264127		R 522 K2/B.4		1 3	A		315020	M528 02C12	D2 2 A
CRD-SV-117/1439	A610 HVA904052-J		A A	N	612				
SCRAM SOLENOID PILOT CRD-V-1264127		R 522 K2/B.4		1 3	A		315020	M528 02C12	D2 2 A
CRD-SV-117/1443	A610 HVA904052-J		A A	N	612				
SCRAM SOLENOID PILOT CRD-V-1264127		R 522 K2/B.4		1 3	A		315020	M528 02C12	D2 2 A
CRD-SV-117/1447	A610 HVA904052-J		A A	N	612				
SCRAM SOLENOID PILOT CRD-V-1264127		R 522 K2/B.4		1 3	A		315020	M528 02C12	D2 2 A
CRD-SV-117/1451	A610 HVA904052-J		A A	N	612				
SCRAM SOLENOID PILOT CRD-V-1264127		R 522 K2/B.4		1 3	A		315020	M528 02C12	D2 2 A
CRD-SV-117/1455	A610 HVA904052-J		A A	N	612				
SCRAM SOLENOID PILOT CRD-V-1264127		R 522 K2/B.4		1 3	A		315020	M528 02C12	D2 2 A
CRD-SV-117/1803	A610 HVA904052-J		A A	N	612				
SCRAM SOLENOID PILOT CRD-V-1264127		R 522 L5/B.4		1 3	A		315020	M528 02C12	D2 2 A
CRD-SV-117/1807	A610 HVA904052-J		A A	N	612				
SCRAM SOLENOID PILOT CRD-V-1264127		R 522 L5/P.4		1 3	A		315020	M528 02C12	D2 2 A
CRD-SV-117/1811	A610 HVA904052-J		A A	N	612				
SCRAM SOLENOID PILOT CRD-V-1264127		R 522 L5/P.4		1 3	A		315020	M528 02C12	D2 2 A
CRD-SV-117/1815	A610 HVA904052-J		A A	N	612				
SCRAM SOLENOID PILOT CRD-V-1264127		P 522 L5/P.4		1 3	A		315020	M528 02C12	D2 2 A
CRD-SV-117/1819	A610 HVA904052-J		A A	N	612				
SCRAM SOLENOID PILOT CRD-V-1264127		R 522 L5/P.4		1 3	A		315020	M528 02C12	D2 2 A

PROGRAM CIE-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00060
DATE 10/01/82

EPN	MFG	MODEL	BLOG_ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***			FREQ QID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TM	HL	TEST ANL FO C			
	DESCRIPTION				USE	SAFETY	FUNCTION			
CRD-SV-117/1823	A610	HVA904052-J		A A	H	612		M528		D2
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 L5/R.4		1 3	A		315020	02C12	2 A
CRD-SV-117/1827	A610	HVA904052-J		A A	H	612		M528		D2
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 L5/R.4		1 3	A		315020	02C12	2 A
CRD-SV-117/1831	A610	HVA904052-J		A A	H	612		M528		D2
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 L5/R.4		1 3	A		315020	02C12	2 A
CRD-SV-117/1835	A610	HVA904052-J		A A	H	612		M528		D2
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 K2/R.4		1 3	A		315020	02C12	2 A
CRD-SV-117/1839	A610	HVA904052-J		A A	H	612		M528		D2
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 K2/R.4		1 3	A		315020	02C12	2 A
CRD-SV-117/1843	A610	HVA904052-J		A A	H	612		M528		D2
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 K2/R.4		1 3	A		315020	02C12	2 A
CRD-SV-117/1847	A610	HVA904052-J		A A	H	612		M528		D2
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 K2/R.4		1 3	A		315020	02C12	2 A
CRD-SV-117/1851	A610	HVA904052-J		A A	H	612		M528		D2
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 K2/R.4		1 3	A		315020	02C12	2 A
CRD-SV-117/1855	A610	HVA904052-J		A A	H	612		M528		D2
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 K2/R.4		1 3	A		315020	02C12	2 A
CRD-SV-117/1859	A610	HVA904052-J		A A	H	612		M528		D2
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 K2/R.4		1 3	A		315020	02C12	2 A
CRD-SV-117/2203	A610	HVA904052-J		A A	H	612		M528		D2
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 L5/R.4		1 3	A		315020	02C12	2 A
CRD-SV-117/2207	A610	HVA904052-J		A A	H	612		M528		D2
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 L5/R.4		1 3	A		315020	02C12	2 A
CRD-SV-117/2211	A610	HVA904052-J		A A	H	612		M528		D2
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 L5/R.4		1 3	A		315020	02C12	2 A
CRD-SV-117/2215	A610	HVA904052-J		A A	H	612		M528		D2
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 L5/R.4		1 3	A		315020	02C12	2 A
CRD-SV-117/2219	A610	HVA904052-J		A A	H	612		M528		D2
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 L5/R.4		1 3	A		315020	02C12	2 A
CRD-SV-117/2223	A610	HVA904052-J		A A	H	612		M528		D2
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 L5/R.4		1 3	A		315020	02C12	2 A
CRD-SV-117/2227	A610	HVA904052-J		A A	H	612		M528		D2
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 L5/R.4		1 3	A		315020	02C12	2 A
CRD-SV-117/2231	A610	HVA904052-J		A A	H	612		M528		D2
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 L5/R.4		1 3	A		315020	02C12	2 A

PROGRAM CIE-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00061
DATE 10/01/82

EPN	HFG DESCRIPTION	MODEL	STATUS S E BLDG ELEV DETAIL	***SEISMIC (S) PARAMETERS*** TH HL TEST ANL FO C USE SAFETY FUNCTION	FREQ Q10	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
CRD-SV-117/2235	A610 HVA904052-J	A.A.	N. 612	H528	D2		
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 K2/P.4	1 3	A	315020	02C12	2	A
CRD-SV-117/2239	A610 HVA904052-J	A.A.	N. 612	H528	D2		
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 K2/P.4	1 3	A	315020	02C12	2	A
CRD-SV-117/2243	A610 HVA904052-J	A.A.	N. 612	H528	D2		
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 K2/P.4	1 3	A	315020	02C12	2	A
CRD-SV-117/2247	A610 HVA904052-J	A.A.	N. 612	H528	D2		
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 K2/P.4	1 3	A	315020	02C12	2	A
CRD-SV-117/2251	A610 HVA904052-J	A.A.	N. 612	H528	D2		
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 K2/P.4	1 3	A	315020	02C12	2	A
CRD-SV-117/2255	A610 HVA904052-J	A.A.	N. 612	H528	D2		
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 K2/P.4	1 3	A	315020	02C12	2	A
CRD-SV-117/2259	A610 HVA904052-J	A.A.	N. 612	H528	D2		
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 K2/P.4	1 3	A	315020	02C12	2	A
CRD-SV-117/2603	A610 HVA904052-J	A.A.	N. 612	H528	D2		
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 L5/P.4	1 3	A	315020	02C12	2	A
CRD-SV-117/2607	A610 HVA904052-J	A.A.	N. 612	H528	D2		
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 L5/P.4	1 3	A	315020	02C12	2	A
CRD-SV-117/2611	A610 HVA904052-J	A.A.	N. 612	H528	D2		
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 L5/P.4	1 3	A	315020	02C12	2	A
CRD-SV-117/2615	A610 HVA904052-J	A.A.	N. 612	H528	D2		
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 L5/P.4	1 3	A	315020	02C12	2	A
CRD-SV-117/2619	A610 HVA904052-J	A.A.	N. 612	H528	D2		
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 L5/P.4	1 3	A	315020	02C12	2	A
CRD-SV-117/2623	A610 HVA904052-J	A.A.	N. 612	H528	D2		
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 L5/P.4	1 3	A	315020	02C12	2	A
CRD-SV-117/2627	A610 HVA904052-J	A.A.	N. 612	H528	D2		
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 L5/P.4	1 3	A	315020	02C12	2	A
CRD-SV-117/2631	A610 HVA904052-J	A.A.	N. 612	H528	D2		
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 L5/P.4	1 3	A	315020	02C12	2	A
CRD-SV-117/2635	A610 HVA904052-J	A.A.	N. 612	H528	D2		
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 K2/P.4	1 3	A	315020	02C12	2	A
CRD-SV-117/2639	A610 HVA904052-J	A.A.	N. 612	H528	D2		
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 K2/P.4	1 3	A	315020	02C12	2	A
CRD-SV-117/2643	A610 HVA904052-J	A.A.	N. 612	H528	D2		
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 K2/P.4	1 3	A	315020	02C12	2	A

EPH	HFG DESCRIPTION	MODEL	BLOG_ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***			FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TM	HL TEST ANL FO C	USE SAFETY FUNCTION			
CRD-SV-117/2647	A610	HVA904052-J		A A	N	612		M528		D2
SCRAM SOLENOID PILOT CRD-V-1264127			R 522 K2/B.4	1 3	A		315020	02C12	2	A
CRD-SV-117/2651	A610	HVA904052-J		A A	N	612		M528		D2
SCRAM SOLENOID PILOT CRD-V-1264127			R 522 K2/B.4	1 3	A		315020	02C12	2	A
CRD-SV-117/2655	A610	HVA904052-J		A A	N	612		M528		D2
SCRAM SOLENOID PILOT CRD-V-1264127			R 522 K2/B.4	1 3	A		315020	02C12	2	A
CRD-SV-117/2659	A610	HVA904052-J		A A	N	612		M528		D2
SCRAM SOLENOID PILOT CRD-V-1264127			R 522 K2/B.4	1 3	A		315020	02C12	2	A
CRD-SV-117/3003	A610	HVA904052-J		A A	N	612		M528		D2
SCRAM SOLENOID PILOT CRD-V-1264127			R 522 L5/B.4	1 3	A		315020	02C12	2	A
CRD-SV-117/3007	A610	HVA904052-J		A A	N	612		M528		D2
SCRAM SOLENOID PILOT CRD-V-1264127			R 522 L5/B.4	1 3	A		315020	02C12	2	A
CRD-SV-117/3011	A610	HVA904052-J		A A	N	612		M528		D2
SCRAM SOLENOID PILOT CRD-V-1264127			R 522 L5/B.4	1 3	A		315020	02C12	2	A
CRD-SV-117/3015	A610	HVA904052-J		A A	N	612		M528		D2
SCRAM SOLENOID PILOT CRD-V-1264127			R 522 L5/B.4	1 3	A		315020	02C12	2	A
CRD-SV-117/3019	A610	HVA904052-J		A A	N	612		M528		D2
SCRAM SOLENOID PILOT CRD-V-1264127			R 522 L5/B.4	1 3	A		315020	02C12	2	A
CRD-SV-117/3023	A610	HVA904052-J		A A	N	612		M528		D2
SCRAM SOLENOID PILOT CRD-V-1264127			R 522 L5/B.4	1 3	A		315020	02C12	2	A
CRD-SV-117/3027	A610	HVA904052-J		A A	N	612		M528		D2
SCRAM SOLENOID PILOT CRD-V-1264127			R 522 L5/B.4	1 3	A		315020	02C12	2	A
CRD-SV-117/3031	A610	HVA904052-J		A A	N	612		M528		D2
SCRAM SOLENOID PILOT CRD-V-1264127			R 522 K2/B.4	1 3	A		315020	02C12	2	A
CRD-SV-117/3035	A610	HVA904052-J		A A	N	612		M528		D2
SCRAM SOLENOID PILOT CRD-V-1264127			R 522 K2/B.4	1 3	A		315020	02C12	2	A
CRD-SV-117/3039	A610	HVA904052-J		A A	N	612		M528		D2
SCRAM SOLENOID PILOT CRD-V-1264127			R 522 K2/B.4	1 3	A		315020	02C12	2	A
CRD-SV-117/3043	A610	HVA904052-J		A A	N	612		M528		D2
SCRAM SOLENOID PILOT CRD-V-1264127			R 522 K2/B.4	1 3	A		315020	02C12	2	A
CRD-SV-117/3047	A610	HVA904052-J		A A	N	612		M528		D2
SCRAM SOLENOID PILOT CRD-V-1264127			R 522 K2/B.4	1 3	A		315020	02C12	2	A
CRD-SV-117/3051	A610	HVA904052-J		A A	N	612		M528		D2
SCRAM SOLENOID PILOT CRD-V-1264127			R 522 K2/P.4	1 3	A		315020	02C12	2	A
CRD-SV-117/3055	A610	HVA904052-J		A A	N	612		M528		D2
SCRAM SOLENOID PILOT CRD-V-1264127			R 522 K2/R	1 3	A		315020	02C12	2	A

EPH	MFG DESCRIPTION	MODEL	BLOG ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***			FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TM	HL	TEST ANL FO C			
					USE		SAFETY FUNCTION	910		
CRD-SV-117/3059	A610 HVA904052-J	A A	N 612	M528	D2					
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 K2/B.4	1 3	A	315020	02C12	2	A			
CRD-SV-117/3403	A610 HVA904052-J	A A	N 612	M528	D2					
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 L5/B.4	1 3	A	315020	02C12	2	A			
CRD-SV-117/3407	A610 HVA904052-J	A A	N 612	M528	D2					
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 L5/B.4	1 3	A	315020	02C12	2	A			
CRD-SV-117/3411	A610 HVA904052-J	A A	N 612	M528	D2					
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 L5/B.4	1 3	A	315020	02C12	2	A			
CRD-SV-117/3415	A610 HVA904052-J	A A	N 612	M528	D2					
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 L5/B.4	1 3	A	315020	02C12	2	A			
CRD-SV-117/3419	A610 HVA904052-J	A A	N 612	M528	D2					
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 L5/B.4	1 3	A	315020	02C12	2	A			
CRD-SV-117/3423	A610 HVA904052-J	A A	N 612	M528	D2					
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 L5/B.4	1 3	A	315020	02C12	2	A			
CRD-SV-117/3427	A610 HVA904052-J	A A	N 612	M528	D2					
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 L5/B.4	1 3	A	315020	02C12	2	A			
CRD-SV-117/3431	A610 HVA904052-J	A A	N 612	M528	D2					
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 K2/B.4	1 3	A	315020	02C12	2	A			
CRD-SV-117/3435	A610 HVA904052-J	A A	N 612	M528	D2					
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 K2/B.4	1 3	A	315020	02C12	2	A			
CRD-SV-117/3439	A610 HVA904052-J	A A	N 612	M528	D2					
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 K2/B.4	1 3	A	315020	02C12	2	A			
CRD-SV-117/3443	A610 HVA904052-J	A A	N 612	M528	D2					
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 K2/B.4	1 3	A	315020	02C12	2	A			
CRD-SV-117/3447	A610 HVA904052-J	A A	N 612	M528	D2					
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 K2/B.4	1 3	A	315020	02C12	2	A			
CRD-SV-117/3451	A610 HVA904052-J	A A	N 612	M528	D2					
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 K2/B.4	1 3	A	315020	02C12	2	A			
CRD-SV-117/3455	A610 HVA904052-J	A A	N 612	M528	D2					
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 K2/B.4	1 3	A	315020	02C12	2	A			
CRD-SV-117/3459	A610 HVA904052-J	A A	N 612	M528	D2					
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 K2/B.4	1 3	A	315020	02C12	2	A			
CRD-SV-117/3803	A610 HVA904052-J	A A	N 612	M528	D2					
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 L5/B.4	1 3	A	315020	02C12	2	A			
CRD-SV-117/3807	A610 HVA904052-J	A A	N 612	M528	D2					
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 L5/B.4	1 3	A	315020	02C12	2	A			

PROGRAM C1E-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
UNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00064
DATE 10/01/82

CPN	MFG	MODEL	STATUS	***SEISMIC (S) PARAMETERS***	FREQ	A/E DRAWING	A/E ZONE
DESCRIPTION	BLDG ELEV	DETAIL	TM HL TEST ANL FO C	USE	SAFETY FUNCTION	QID	CONTRACT
CRD-SV-117/3811	A610	HVA904052-J	A A	N 612		H528	D2
SCRAM SOLENOID PILOT CRD-V-1264127	R 522 L5/R.4		1 3	A	315020	02C12	2 A
CRD-SV-117/3815	A610	HVA904052-J	A A	N 612		H528	D2
SCRAM SOLENOID PILOT CRD-V-1264127	R 522 L5/R.4		1 3	A	315020	02C12	2 A
CRD-SV-117/3819	A610	HVA904052-J	A A	N 612		H528	D2
SCRAM SOLENOID PILOT CRD-V-1264127	R 522 L5/R.4		1 3	A	315020	02C12	2 A
CRD-SV-117/3823	A610	HVA904052-J	A A	N 612		H528	D2
SCRAM SOLENOID PILOT CRD-V-1264127	R 522 L5/R.4		1 3	A	315020	02C12	2 A
CRD-SV-117/3827	A610	HVA904052-J	A A	N 612		H528	D2
SCRAM SOLENOID PILOT CRD-V-1264127	R 522 L5/R.4		1 3	A	315020	02C12	2 A
CRD-SV-117/3831	A610	HVA904052-J	A A	N 612		H528	D2
SCRAM SOLENOID PILOT CRD-V-1264127	R 522 K2/R.4		1 3	A	315020	02C12	2 A
CRD-SV-117/3835	A610	HVA904052-J	A A	N 612		H528	D2
SCRAM SOLENOID PILOT CRD-V-1264127	R 522 K2/R.4		1 3	A	315020	02C12	2 A
CRD-SV-117/3839	A610	HVA904052-J	A A	N 612		H528	D2
SCRAM SOLENOID PILOT CRD-V-1264127	R 522 K2/R.4		1 3	A	315020	02C12	2 A
CRD-SV-117/3843	A610	HVA904052-J	A A	N 612		H528	D2
SCRAM SOLENOID PILOT CRD-V-1264127	R 522 K2/R.4		1 3	A	315020	02C12	2 A
CRD-SV-117/3847	A610	HVA904052-J	A A	N 612		H528	D2
SCRAM SOLENOID PILOT CRD-V-1264127	R 522 K2/R.4		1 3	A	315020	02C12	2 A
CRD-SV-117/3851	A610	HVA904052-J	A A	N 612		H528	D2
SCRAM SOLENOID PILOT CRD-V-1264127	R 522 K2/R.4		1 3	A	315020	02C12	2 A
CRD-SV-117/3855	A610	HVA904052-J	A A	N 612		H528	D2
SCRAM SOLENOID PILOT CRD-V-1264127	R 522 K2/R.4		1 3	A	315020	02C12	2 A
CRD-SV-117/3859	A610	HVA904052-J	A A	N 612		H528	D2
SCRAM SOLENOID PILOT CRD-V-1264127	R 522 K2/R.4		1 3	A	315020	02C12	2 A
CRD-SV-117/4203	A610	HVA904052-J	A A	N 612		H528	D2
SCRAM SOLENOID PILOT CRD-V-1264127	R 522 L5/R.4		1 3	A	315020	02C12	2 A
CRD-SV-117/4207	A610	HVA904052-J	A A	N 612		H528	D2
SCRAM SOLENOID PILOT CRD-V-1264127	R 522 L5/R.4		1 3	A	315020	02C12	2 A
CRD-SV-117/4211	A610	HVA904052-J	A A	N 612		H528	D2
SCRAM SOLENOID PILOT CRD-V-1264127	R 522 L5/R.4		1 3	A	315020	02C12	2 A
CRD-SV-117/4215	A610	HVA904052-J	A A	N 612		H528	D2
SCRAM SOLENOID PILOT CRD-V-1264127	R 522 L5/R.4		1 3	A	315020	02C12	2 A
CRD-SV-117/4219	A610	HVA904052-J	A A	N 612		H528	D2
SCRAM SOLENOID PILOT CRD-V-1264127	R 522 L5/R.4		1 3	A	315020	02C12	2 A

PROGRAM CIE-SQRT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WHP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00065
DATE 10/01/82

EPN	MFG DESCRIPTION	MODEL	STATUS		***SEISMIC (S) PARAMETERS***				A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
			DLDC ELEV	S E DETAIL	TM	HL	TEST	AHL FO C USE SAFETY FUNCTION	FREQ QID	
CRD-SV-117/4223	A610 HVA904052-J			A A	N	612			H528	D2
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 L5/R.4		1 3	A			315020	02C12	2 A
CRD-SV-117/4227	A610 HVA904052-J			A A	N	612			H528	D2
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 L5/R.4		1 3	A			315020	02C12	2 A
CRD-SV-117/4231	A610 HVA904052-J			A A	N	612			H528	D2
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 K2/R.4		1 3	A			315020	02C12	2 A
CRD-SV-117/4235	A610 HVA904052-J			A A	N	612			H528	D2
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 K2/R.4		1 3	A			315020	02C12	2 A
CRD-SV-117/4239	A610 HVA904052-J			A A	N	612			H528	D2
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 K2/R.4		1 3	A			315020	02C12	2 A
CRD-SV-117/4243	A610 HVA904052-J			A A	N	612			H528	D2
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 K2/R.4		1 3	A			315020	02C12	2 A
CRD-SV-117/4247	A610 HVA904052-J			A A	N	612			H528	D2
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 K2/R.4		1 3	A			315020	02C12	2 A
CRD-SV-117/4251	A610 HVA904052-J			A A	N	612			H528	D2
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 K2/R.4		1 3	A			315020	02C12	2 A
CRD-SV-117/4259	A610 HVA904052-J			A A	N	612			H528	D2
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 K2/R.4		1 3	A			315020	02C12	2 A
CRD-SV-117/4607	A610 HVA904052-J			A A	N	612			H528	D2
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 L5/R.4		1 3	A			315020	02C12	2 A
CRD-SV-117/4611	A610 HVA904052-J			A A	N	612			H528	D2
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 L5/R.4		1 3	A			315020	02C12	2 A
CRD-SV-117/4615	A610 HVA904052-J			A A	N	612			H528	D2
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 L5/R.4		1 3	A			315020	02C12	2 A
CRD-SV-117/4619	A610 HVA904052-J			A A	N	612			H528	D2
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 L5/R.4		1 3	A			315020	02C12	2 A
CRD-SV-117/4623	A610 HVA904052-J			A A	N	612			H528	D2
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 L5/R.4		1 3	A			315020	02C12	2 A
CRD-SV-117/4627	A610 HVA904052-J			A A	N	612			H528	D2
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 L5/R.4		1 3	A			315020	02C12	2 A
CRD-SV-117/4631	A610 HVA904052-J			A A	N	612			H528	D2
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 K2/R.4		1 3	A			315020	02C12	2 A
CRD-SV-117/4635	A610 HVA904052-J			A A	N	612			H528	D2
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 K2/R.4		1 3	A			315020	02C12	2 A
CRD-SV-117/4639	A610 HVA904052-J			A A	N	612			H528	D2
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 K2/R.4		1 3	A			315020	02C12	2 A

PROGRAM C1E-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
UNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00066
DATE 10/01/82

EPN	MFG	MODEL	STATUS	SEISMIC (S) PARAMETERS	TH HL TEST ANL FO C	FREQ	A/E DRAWING	A/E ZONE
DESCRIPTION	BLOG_ELEV	DETAIL	USE	SAFETY FUNCTION	OID	CONTRACT	LEVEL	EC
CRD-SV-117/4643 SCRAM SOLENOID PILOT CRD-V-1268127	A610	HVA904052-J	A A	N 612	1 3	A	315020	M528 02C12 2 D2 A
CRD-SV-117/4647 SCRAM SOLENOID PILOT CRD-V-1268127	A610	HVA904052-J	A A	N 612	1 3	A	315020	M528 02C12 2 D2 A
CRD-SV-117/4651 SCRAM SOLENOID PILOT CRD-V-1268127	A610	HVA904052-J	A A	N 612	1 3	A	315020	M528 02C12 2 D2 A
CRD-SV-117/4655 SCRAM SOLENOID PILOT CRD-V-1268127	A610	HVA904052-J	A A	N 612	1 3	A	315020	M528 02C12 2 D2 A
CRD-SV-117/5011 SCRAM SOLENOID PILOT CRD-V-1268127	A610	HVA904052-J	A A	N 612	1 3	A	315020	M528 02C12 2 D2 A
CRD-SV-117/5015 SCRAM SOLENOID PILOT CRD-V-1268127	A610	HVA904052-J	A A	N 612	1 3	A	315020	M528 02C12 2 D2 A
CRD-SV-117/5019 SCRAM SOLENOID PILOT CRD-V-1268127	A610	HVA904052-J	A A	N 612	1 3	A	315020	M528 02C12 2 D2 A
CRD-SV-117/5023 SCRAM SOLENOID PILOT CRD-V-1268127	A610	HVA904052-J	A A	N 612	1 3	A	315020	M528 02C12 2 D2 A
CRD-SV-117/5027 SCRAM SOLENOID PILOT CRD-V-1268127	A610	HVA904052-J	A A	N 612	1 3	A	315020	M528 02C12 2 D2 A
CRD-SV-117/5031 SCRAM SOLENOID PILOT CRD-V-1268127	A610	HVA904052-J	A A	N 612	1 3	A	315020	M528 02C12 2 D2 A
CRD-SV-117/5035 SCRAM SOLENOID PILOT CRD-V-1268127	A610	HVA904052-J	A A	N 612	1 3	A	315020	M528 02C12 2 D2 A
CRD-SV-117/5039 SCRAM SOLENOID PILOT CRD-V-1268127	A610	HVA904052-J	A A	N 612	1 3	A	315020	M528 02C12 2 D2 A
CRD-SV-117/5043 SCRAM SOLENOID PILOT CRD-V-1268127	A610	HVA904052-J	A A	N 612	1 3	A	315020	M528 02C12 2 D2 A
CRD-SV-117/5047 SCRAM SOLENOID PILOT CRD-V-1268127	A610	HVA904052-J	A A	N 612	1 3	A	315020	M528 02C12 2 D2 A
CRD-SV-117/5051 SCRAM SOLENOID PILOT CRD-V-1268127	A610	HVA904052-J	A A	N 612	1 3	A	315020	M528 02C12 2 D2 A
CRD-SV-117/5415 SCRAM SOLENOID PILOT CRD-V-1268127	A610	HVA904052-J	A A	N 612	1 3	A	315020	M528 02C12 2 D2 A
CRD-SV-117/5419 SCRAM SOLENOID PILOT CRD-V-1268127	A610	HVA904052-J	A A	N 612	1 3	A	315020	M528 02C12 2 D2 A
CRD-SV-117/5423 SCRAM SOLENOID PILOT CRD-V-1268127	A610	HVA904052-J	A A	N 612	1 3	A	315020	M528 02C12 2 D2 A

EPN	MFG	MODEL	STATUS	S E	TH HL TEST ANL FO C	FREQ	A/E DRAWING	A/E ZONE
DESCRIPTION		BLOG FLEY	DETAIL	USE	SAFETY FUNCTION	QID	CONTRACT	LEVEL EC
CRD-SV-117/5427	A610	HVA904052-J	A A	N	612	M528	D2	
SCRAM SOLENOID PILOT CRD-V-1264127		R 522 L5/R.4		1 3	A	315020 02C12	2	A
CRD-SV-117/5431	A610	HVA904052-J	A A	N	612	M528	D2	
SCRAM SOLENOID PILOT CRD-V-1264127		R 522 K2/R.4		1 3	A	315020 02C12	2	A
CRD-SV-117/5435	A610	HVA904052-J	A A	N	612	M528	D2	
SCRAM SOLENOID PILOT CRD-V-1264127		R 522 K2/R.4		1 3	A	315020 02C12	2	A
CRD-SV-117/5439	A610	HVA904052-J	A A	N	612	M528	D2	
SCRAM SOLENOID PILOT CRD-V-1264127		R 522 K2/R.4		1 3	A	315020 02C12	2	A
CRD-SV-117/5443	A610	HVA904052-J	A A	N	612	M528	D2	
SCRAM SOLENOID PILOT CRD-V-1264127		R 522 K2/R.4		1 3	A	315020 02C12	2	A
CRD-SV-117/5447	A610	HVA904052-J	A A	N	612	M528	D2	
SCRAM SOLENOID PILOT CRD-V-1264127		R 522 K2/R.4		1 3	A	315020 02C12	2	A
CRD-SV-117/5419	A610	HVA904052-J	A A	N	612	M528	D2	
SCRAM SOLENOID PILOT CRD-V-1264127		R 522 L5/R.4		1 3	A	315020 02C12	2	A
CRD-SV-117/5423	A610	HVA904052-J	A A	N	612	M528	D2	
SCRAM SOLENOID PILOT CRD-V-1264127		R 522 L5/R.4		1 3	A	315020 02C12	2	A
CRD-SV-117/5427	A610	HVA904052-J	A A	N	612	M528	D2	
SCRAM SOLENOID PILOT CRD-V-1264127		R 522 L5/R.4		1 3	A	315020 02C12	2	A
CRD-SV-117/5431	A610	HVA904052-J	A A	N	612	M528	D2	
SCRAM SOLENOID PILOT CRD-V-1264127		R 522 K2/R.4		1 3	A	315020 02C12	2	A
CRD-SV-117/5435	A610	HVA904052-J	A A	N	612	M528	D2	
SCRAM SOLENOID PILOT CRD-V-1264127		R 522 K2/R.4		1 3	A	315020 02C12	2	A
CRD-SV-117/5439	A610	HVA904052-J	A A	N	612	M528	D2	
SCRAM SOLENOID PILOT CRD-V-1264127		R 522 K2/R.4		1 3	A	315020 02C12	2	A
CRD-SV-117/5443	A610	HVA904052-J	A A	N	612	M528	D2	
SCRAM SOLENOID PILOT CRD-V-1264127		R 522 K2/R.4		1 3	A	315020 02C12	2	A
CRD-SV-1174255	A610	HVA904052-J	A A	N	612	M528	D2	
SCRAM SOLENOID PILOT CRD-V-1264127		R 522 K2/R.4		1 3	A	315020 02C12	2	A
CRD-SV-118/0219	A610	HVA904052-J	A A	N	612	M528	D2	
SCRAM SOLENOID PILOT CRD-V-1264127		R 522 L5/P.4		1 3	A	315020 02C12	2	A
CRD-SV-118/0223	A610	HVA904052-J	A A	N	612	M528	D2	
SCRAM SOLENOID PILOT CRD-V-1264127		R 522 L5/R.4		1 3	A	315020 02C12	2	A
CRD-SV-118/0227	A610	HVA904052-J	A A	N	612	M528	D2	
SCRAM SOLENOID PILOT CRD-V-1264127		R 522 L5/P.4		1 3	A	315020 02C12	2	A
CRD-SV-118/0231	A610	HVA904052-J	A A	N	612	M528	D2	
SCRAM SOLENOID PILOT CRD-V-1264127		R 522 L5/P.4		1 3	A	315020 02C12	2	A

PROGRAM CIE-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1C EQUIPMENT LISTPAGE NO 00068
DATE 10/01/82

EPN	HFG	MODEL	STATUS	SEISMIC (S) PARAMETERS	FREQ	A/E DRAWING	A/E ZONE
DESCRIPTION	BLDG FILE	DETAIL	TH HL TEST ANL FO C	USE SAFETY FUNCTION	QID	CONTRACT	LEVEL EC
CRD-SV-118/0235	A610	HVA904052-J	A A	N 612	315020	H528	D2
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 K2/B.4		1 3	A	02C12	2	A
CRD-SV-118/0239	A610	HVA904052-J	A A	N 612	315020	H528	D2
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 K2/B.4		1 3	A	02C12	2	A
CRD-SV-118/0243	A610	HVA904052-J	A A	N 612	315020	H528	D2
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 K2/B.4		1 3	A	02C12	2	A
CRD-SV-118/0615	A610	HVA904052-J	A A	N 612	315020	H528	D2
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 L5/B.4		1 3	A	02C12	2	A
CRD-SV-118/0619	A610	HVA904052-J	A A	N 612	315020	H528	D2
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 L5/B.4		1 3	A	02C12	2	A
CRD-SV-118/0623	A610	HVA904052-J	A A	N 612	315020	H528	D2
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 L5/B.4		1 3	A	02C12	2	A
CRD-SV-118/0627	A610	HVA904052-J	A A	N 612	315020	H528	D2
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 L5/B.4		1 3	A	02C12	2	A
CRD-SV-118/0631	A610	HVA904052-J	A A	N 612	315020	H528	D2
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 L5/B.4		1 3	A	02C12	2	A
CRD-SV-118/0635	A610	HVA904052-J	A A	N 612	315020	H528	D2
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 K2/B.4		1 3	A	02C12	2	A
CRD-SV-118/0639	A610	HVA904052-J	A A	N 612	315020	H528	D2
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 K2/B.4		1 3	A	02C12	2	A
CRD-SV-118/0643	A610	HVA904052-J	A A	N 612	315020	H528	D2
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 K2/B.4		1 3	A	02C12	2	A
CRD-SV-118/0647	A610	HVA904052-J	A A	N 612	315020	H528	D2
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 K2/B.4		1 3	A	02C12	2	A
CRD-SV-118/1011	A610	HVA904052-J	A A	N 612	315020	H528	D2
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 L5/B.4		1 3	A	02C12	2	A
CRD-SV-118/1015	A610	HVA904052-J	A A	N 612	315020	H528	D2
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 L5/B.4		1 3	A	02C12	2	A
CRD-SV-118/1019	A610	HVA904052-J	A A	N 612	315020	H528	D2
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 L5/B.4		1 3	A	02C12	2	A
CRD-SV-118/1023	A610	HVA904052-J	A A	N 612	315020	H528	D2
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 L5/B.4		1 3	A	02C12	2	A
CRD-SV-118/1027	A610	HVA904052-J	A A	N 612	315020	H528	D2
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 L5/B.4		1 3	A	02C12	2	A
CRD-SV-118/1031	A610	HVA904052-J	A A	N 612	315020	H528	D2
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 L5/B.4		1 3	A	02C12	2	A

EPN	MFG	MODEL	STATUS	S F	TH	HL	TEST	ANL	FO	C	FREQ	A/E	DRAWING	A/E	ZONE
DESCRIPTION			BLOG	FLEV	DETAIL	USE	SAFETY FUNCTION				QID	CONTRACT		LEVEL	EC
CRD-SV-118/1035	A610	HVA904052-J	A	A	N	612					H528		D2		
SCRAM SOLENOID PILOT CRD-V-1268127			R	522 K2/8.4	1	3	A				315020	02C12	2	A	
CRD-SV-118/1039	A610	HVA904052-J	A	A	N	612					H528		D2		
SCRAM SOLENOID PILOT CRD-V-1268127			R	522 K2/8.4	1	3	A				315020	02C12	2	A	
CRD-SV-118/1043	A610	HVA904052-J	A	A	N	612					H528		D2		
SCRAM SOLENOID PILOT CRD-V-1268127			R	522 K2/8.4	1	3	A				315020	02C12	2	A	
CRD-SV-118/1047	A610	HVA904052-J	A	A	N	612					H528		D2		
SCRAM SOLENOID PILOT CRD-V-1268127			R	522 K2/8.4	1	3	A				315020	02C12	2	A	
CRD-SV-118/1051	A610	HVA904052-J	A	A	N	612					H528		D2		
SCRAM SOLENOID PILOT CRD-V-1268127			R	522 K2/8.4	1	3	A				315020	02C12	2	A	
CRD-SV-118/1107	A610	HVA904052-J	A	A	N	612					H528		D2		
SCRAM SOLENOID PILOT CRD-V-1268127			R	522 L5/8.4	1	3	A				315020	02C12	2	A	
CRD-SV-118/1111	A610	HVA904052-J	A	A	N	612					H528		D2		
SCRAM SOLENOID PILOT CRD-V-1268127			R	522 L5/8.4	1	3	A				315020	02C12	2	A	
CRD-SV-118/1115	A610	HVA904052-J	A	A	N	612					H528		D2		
SCRAM SOLENOID PILOT CRD-V-1268127			R	522 L5/8.4	1	3	A				315020	02C12	2	A	
CRD-SV-118/1119	A610	HVA904052-J	A	A	N	612					H528		D2		
SCRAM SOLENOID PILOT CRD-V-1268127			R	522 L5/8.4	1	3	A				315020	02C12	2	A	
CRD-SV-118/1123	A610	HVA904052-J	A	A	N	612					H528		D2		
SCRAM SOLENOID PILOT CRD-V-1268127			R	522 L5/8.4	1	3	A				315020	02C12	2	A	
CRD-SV-118/1127	A610	HVA904052-J	A	A	N	612					H528		D2		
SCRAM SOLENOID PILOT CRD-V-1268127			R	522 L5/8.4	1	3	A				315020	02C12	2	A	
CRD-SV-118/1131	A610	HVA904052-J	A	A	N	612					H528		D2		
SCRAM SOLENOID PILOT CRD-V-1268127			R	522 L5/8.4	1	3	A				315020	02C12	2	A	
CRD-SV-118/1135	A610	HVA904052-J	A	A	N	612					H528		D2		
SCRAM SOLENOID PILOT CRD-V-1268127			R	522 K2/8.4	1	3	A				315020	02C12	2	A	
CRD-SV-118/1139	A610	HVA904052-J	A	A	N	612					H528		D2		
SCRAM SOLENOID PILOT CRD-V-1268127			R	522 K2/8.4	1	3	A				315020	02C12	2	A	
CRD-SV-118/1143	A610	HVA904052-J	A	A	N	612					H528		D2		
SCRAM SOLENOID PILOT CRD-V-1268127			R	522 K2/8.4	1	3	A				315020	02C12	2	A	
CRD-SV-118/1147	A610	HVA904052-J	A	A	N	612					H528		D2		
SCRAM SOLENOID PILOT CRD-V-1268127			R	522 K2/8.4	1	3	A				315020	02C12	2	A	
CRD-SV-118/1151	A610	HVA904052-J	A	A	N	612					H528		D2		
SCRAM SOLENOID PILOT CRD-V-1268127			R	522 K2/8.4	1	3	A				315020	02C12	2	A	
CRD-SV-118/1155	A610	HVA904052-J	A	A	N	612					H528		D2		
SCRAM SOLENOID PILOT CRD-V-1268127			R	522 K2/8.4	1	3	A				315020	02C12	2	A	

PROGRAM CIE-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
UNP-2 CLASS 1C EQUIPMENT LISTPAGE NO 00070
DATE 10/01/82

EPN	MFG	MODEL	STATUS	SEISMIC (S) PARAMETERS	TH HL TEST ANL FO C	FREQ	A/E DRAWING	A/E ZONE
DESCRIPTION		BLOG ELEV	S E	USE SAFETY FUNCTION		QID	CONTRACT	LEVEL EC
CRD-SV-118/1803	A610	HVA904052-J	A A	N 612		M528	D2	
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 L5/R.4	1 3	A	315020	02C12	2	A
CRD-SV-118/1807	A610	HVA904052-J	A A	N 612		M528	D2	
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 L5/R.4	1 3	A	315020	02C12	2	A
CRD-SV-118/1811	A610	HVA904052-J	A A	N 612		M528	D2	
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 L5/R.4	1 3	A	315020	02C12	2	A
CRD-SV-118/1815	A610	HVA904052-J	A A	N 612		M528	D2	
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 L5/R.4	1 3	A	315020	02C12	2	A
CRD-SV-118/1819	A610	HVA904052-J	A A	N 612		M528	D2	
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 L5/R.4	1 3	A	315020	02C12	2	A
CRD-SV-118/1823	A610	HVA904052-J	A A	N 612		M528	D2	
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 L5/R.4	1 3	A	315020	02C12	2	A
CRD-SV-118/1827	A610	HVA904052-J	A A	N 612		M528	D2	
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 L5/R.4	1 3	A	315020	02C12	2	A
CRD-SV-118/1831	A610	HVA904052-J	A A	N 612		M528	D2	
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 L5/R.4	1 3	A	315020	02C12	2	A
CRD-SV-118/1835	A610	HVA904052-J	A A	N 612		M528	D2	
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 K2/R.4	1 3	A	315020	02C12	2	A
CRD-SV-118/1839	A610	HVA904052-J	A A	N 612		M528	D2	
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 K2/R.4	1 3	A	315020	02C12	2	A
CRD-SV-118/1843	A610	HVA904052-J	A A	N 612		M528	D2	
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 K2/R.4	1 3	A	315020	02C12	2	A
CRD-SV-118/1847	A610	HVA904052-J	A A	N 612		M528	D2	
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 K2/R.4	1 3	A	315020	02C12	2	A
CRD-SV-118/1851	A610	HVA904052-J	A A	N 612		M528	D2	
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 K2/R.4	1 3	A	315020	02C12	2	A
CRD-SV-118/1855	A610	HVA904052-J	A A	N 612		M528	D2	
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 K2/R.4	1 3	A	315020	02C12	2	A
CRD-SV-118/1859	A610	HVA904052-J	A A	N 612		M528	D2	
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 K2/R.4	1 3	A	315020	02C12	2	A
CRD-SV-118/2203	A610	HVA904052-J	A A	N 612		M528	D2	
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 L5/R.4	1 3	A	315020	02C12	2	A
CRD-SV-118/2207	A610	HVA904052-J	A A	N 612		M528	D2	
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 L5/R.4	1 3	A	315020	02C12	2	A
CRD-SV-118/2211	A610	HVA904052-J	A A	N 612		M528	D2	
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 L5/R.4	1 3	A	315020	02C12	2	A

PROGRAM CIE-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
UNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00071
DATE 10/01/82

EPN	DESCRIPTION	MFG	MODEL	BLDG ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***				FREQ DID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
						TH	HL	TEST	ANL FO C			
						USE		SAFETY	FUNCTION			
CRD-SV-118/2215	A610	HVA904052-J			A A		N	612				
SCRAM SOLENOID PILOT CRD-V-1268127			R	522 L5/8.4		1	3	A		315020	H528 02C12	D2 2 A
CRD-SV-118/2219	A610	HVA904052-J			A A		N	612				
SCRAM SOLENOID PILOT CRD-V-1268127			R	522 L5/8.4		1	3	A		315020	H528 02C12	D2 2 A
CRD-SV-118/2223	A610	HVA904052-J			A A		N	612				
SCRAM SOLENOID PILOT CRD-V-1268127			R	522 L5/8.4		1	3	A		315020	H528 02C12	D2 2 A
CRD-SV-118/2227	A610	HVA904052-J			A A		N	612				
SCRAM SOLENOID PILOT CRD-V-1268127			R	522 L5/8.4		1	3	A		315020	H528 02C12	D2 2 A
CRD-SV-118/2231	A610	HVA904052-J			A A		N	612				
SCRAM SOLENOID PILOT CRD-V-1268127			R	522 L5/8.4		1	3	A		315020	H528 02C12	D2 2 A
CRD-SV-118/2235	A610	HVA904052-J			A A		N	612				
SCRAM SOLENOID PILOT CRD-V-1268127			R	522 K2/8.4		1	3	A		315020	H528 02C12	D2 2 A
CRD-SV-118/2239	A610	HVA904052-J			A A		N	612				
SCRAM SOLENOID PILOT CRD-V-1268127			R	522 K2/8.4		1	3	A		315020	H528 02C12	D2 2 A
CRD-SV-118/2243	A610	HVA904052-J			A A		N	612				
SCRAM SOLENOID PILOT CRD-V-1268127			R	522 K2/8.4		1	3	A		315020	H528 02C12	D2 2 A
CRD-SV-118/2247	A610	HVA904052-J			A A		N	612				
SCRAM SOLENOID PILOT CRD-V-1268127			R	522 K2/8.4		1	3	A		315020	H528 02C12	D2 2 A
CRD-SV-118/2251	A610	HVA904052-J			A A		N	612				
SCRAM SOLENOID PILOT CRD-V-1268127			R	522 K2/8.4		1	3	A		315020	H528 02C12	D2 2 A
CRD-SV-118/2255	A610	HVA904052-J			A A		N	612				
SCRAM SOLENOID PILOT CRD-V-1268127			R	522 K2/8.4		1	3	A		315020	H528 02C12	D2 2 A
CRD-SV-118/2259	A610	HVA904052-J			A A		N	612				
SCRAM SOLENOID PILOT CRD-V-1268127			R	522 K2/8.4		1	3	A		315020	H528 02C12	D2 2 A
CRD-SV-118/2603	A610	HVA904052-J			A A		N	612				
SCRAM SOLENOID PILOT CRD-V-1268127			R	522 L5/8.4		1	3	A		315020	H528 02C12	D2 2 A
CRD-SV-119/2607	A610	HVA904052-J			A A		N	612				
SCRAM SOLENOID PILOT CRD-V-1268127			R	522 L5/8.4		1	3	A		315020	H528 02C12	D2 2 A
CRD-SV-118/2611	A610	HVA904052-J			A A		N	612				
SCRAM SOLENOID PILOT CRD-V-1268127			R	522 L5/8.4		1	3	A		315020	H528 02C12	D2 2 A
CRD-SV-118/2615	A610	HVA904052-J			A A		N	612				
SCRAM SOLENOID PILOT CRD-V-1268127			R	522 L5/8.4		1	3	A		315020	H528 02C12	D2 2 A
CRD-SV-118/2619	A610	HVA904052-J			A A		N	612				
SCRAM SOLENOID PILOT CRD-V-1268127			R	522 L5/8.4		1	3	A		315020	H528 02C12	D2 2 A
CRD-SV-118/2623	A610	HVA904052-J			A A		N	612				
SCRAM SOLENOID PILOT CRD-V-1268127			R	522 L5/8.4		1	3	A		315020	H528 02C12	D2 2 A

PROGRAM CIE-SQRT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00072
DATE 10/01/82

EPN	MFG	MODEL	STATUS S E	***SEISMIC (S) PARAMETERS*** TM HL TEST ANL FO C	FREQ	A/E DRAWING	A/E ZONE	
DESCRIPTION		BLDG ELEV	DETAIL	USE	SAFETY FUNCTION	QID	CONTRACT	LEVEL EC
CRD-SV-118/2627	A610	HVA901052-J	A A	N	612	M528	D2	
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 L5/8.4		1 3	A	315020 02C12	2	A
CRD-SV-118/2631	A610	HVA901052-J	A A	N	612	M528	D2	
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 L5/8.4		1 3	A	315020 02C12	2	A
CRD-SV-118/2635	A610	HVA901052-J	A A	N	612	M528	D2	
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 K2/8.4		1 3	A	315020 02C12	2	A
CRD-SV-118/2632	A610	HVA901052-J	A A	N	612	M528	D2	
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 K2/8.4		1 3	A	315020 02C12	2	A
CRD-SV-118/2643	A610	HVA901052-J	A A	N	612	M528	D2	
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 K2/8.4		1 3	A	315020 02C12	2	A
CRD-SV-118/2647	A610	HVA901052-J	A A	N	612	M528	D2	
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 K2/8.4		1 3	A	315020 02C12	2	A
CRD-SV-118/2651	A610	HVA901052-J	A A	N	612	M528	D2	
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 K2/8.4		1 3	A	315020 02C12	2	A
CRD-SV-118/2655	A610	HVA901052-J	A A	N	612	M528	D2	
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 K2/8.4		1 3	A	315020 02C12	2	A
CRD-SV-118/2659	A610	HVA901052-J	A A	N	612	M528	D2	
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 K2/8.4		1 3	A	315020 02C12	2	A
CRD-SV-118/3003	A610	HVA901052-J	A A	N	612	M528	D2	
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 L5/8.4		1 3	A	315020 02C12	2	A
CRD-SV-118/3007	A610	HVA901052-J	A A	N	612	M528	D2	
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 L5/8.4		1 3	A	315020 02C12	2	A
CRD-SV-118/3011	A610	HVA901052-J	A A	N	612	M528	D2	
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 L5/8.4		1 3	A	315020 02C12	2	A
CRD-SV-118/3015	A610	HVA901052-J	A A	N	612	M528	D2	
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 L5/8.4		1 3	A	315020 02C12	2	A
CRD-SV-118/3012	A610	HVA901052-J	A A	N	612	M528	D2	
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 L5/8.4		1 3	A	315020 02C12	2	A
CRD-SV-118/3023	A610	HVA901052-J	A A	N	612	M528	D2	
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 L5/8.4		1 3	A	315020 02C12	2	A
CRD-SV-118/3027	A610	HVA901052-J	A A	N	612	M528	D2	
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 L5/8.4		1 3	A	315020 02C12	2	A
CRD-SV-118/3031	A610	HVA901052-J	A A	N	612	M528	D2	
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 K2/8.4		1 3	A	315020 02C12	2	A
CRD-SV-118/3035	A610	HVA901052-J	A A	N	612	M528	D2	
SCRAM SOLENOID PILOT CRD-V-1268127		R 522 K2/8.4		1 3	A	315020 02C12	2	A

PROGRAM CIE-SQRT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00073
DATE 10/01/82

EPN	MFG DESCRIPTION	MODEL	STATUS S E RLOG ELEV DETAIL	SEISMIC (S) PARAMETERS TM HL TEST ANL FO C USE SAFETY FUNCTION	FREQ OID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
CRD-SV-118/3039	A610 HVA904052-J	A A	N 612	M528	D2		
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 K2/R.4	1 3	A	315020	02C12	2	A
CRD-SV-118/3043	A610 HVA904052-J	A A	N 612	M528	D2		
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 K2/R.4	1 3	A	315020	02C12	2	A
CRD-SV-118/3047	A610 HVA904052-J	A A	N 612	M528	D2		
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 K2/R.4	1 3	A	315020	02C12	2	A
CRD-SV-118/3051	A610 HVA904052-J	A A	N 612	M528	D2		
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 K2/R.4	1 3	A	315020	02C12	2	A
CRD-SV-118/3055	A610 HVA904052-J	A A	N 612	M528	D2		
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 K2/R.4	1 3	A	315020	02C12	2	A
CRD-SV-118/3059	A610 HVA904052-J	A A	N 612	M528	D2		
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 K2/R.4	1 3	A	315020	02C12	2	A
CRD-SV-118/3403	A610 HVA904052-J	A A	N 612	M528	D2		
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 L5/R.4	1 3	A	315020	02C12	2	A
CRD-SV-118/3407	A610 HVA904052-J	A A	N 612	M528	D2		
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 L5/R.4	1 3	A	315020	02C12	2	A
CRD-SV-118/3411	A610 HVA904052-J	A A	N 612	M528	D2		
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 L5/R.4	1 3	A	315020	02C12	2	A
CRD-SV-118/3415	A610 HVA904052-J	A A	N 612	M528	D2		
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 L5/R.4	1 3	A	315020	02C12	2	A
CRD-SV-118/3419	A610 HVA904052-J	A A	N 612	M528	D2		
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 L5/R.4	1 3	A	315020	02C12	2	A
CRD-SV-118/3423	A610 HVA904052-J	A A	N 612	M528	D2		
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 L5/R.4	1 3	A	315020	02C12	2	A
CRD-SV-118/3427	A610 HVA904052-J	A A	N 612	M528	D2		
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 L5/R.4	1 3	A	315020	02C12	2	A
CRD-SV-118/3431	A610 HVA904052-J	A A	N 612	M528	D2		
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 K2/R.4	1 3	A	315020	02C12	2	A
CRD-SV-118/3435	A610 HVA904052-J	A A	N 612	M528	D2		
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 K2/R.4	1 3	A	315020	02C12	2	A
CRD-SV-118/3439	A610 HVA904052-J	A A	N 612	M528	D2		
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 K2/R.4	1 3	A	315020	02C12	2	A
CRD-SV-118/3443	A610 HVA904052-J	A A	N 612	M528	D2		
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 K2/R.4	1 3	A	315020	02C12	2	A
CRD-SV-118/3447	A610 HVA904052-J	A A	N 612	M528	D2		
SCRAM SOLENOID PILOT CRD-V-1268127	R 522 K2/R.4	1 3	A	315020	02C12	2	A

EPN	MFG DESCRIPTION	MODEL	BLOG. ELEV.	STATUS S C DETAIL	***SEISMIC (S) PARAMETERS***				FREQ OID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TM	HL	TEST	ANL FO C			
CRD-SV-118/3451	A610	HVA904052-J		A A							
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 K2/R.4		1	3	A		315020	02C12	D2
CRD-SV-118/3455	A610	HVA904052-J		A A							
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 K2/R.4		1	3	A		315020	02C12	D2
CRD-SV-118/3459	A610	HVA904052-J		A A							
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 K2/R.4		1	3	A		315020	02C12	D2
CRD-SV-118/3803	A610	HVA904052-J		A A							
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 L5/R.4		1	3	A		315020	02C12	D2
CRD-SV-118/3807	A610	HVA904052-J		A A							
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 L5/R.4		1	3	A		315020	02C12	D2
CRD-SV-118/3811	A610	HVA904052-J		A A							
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 L5/R.4		1	3	A		315020	02C12	D2
CRD-SV-118/3815	A610	HVA904052-J		A A							
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 L5/R.4		1	3	A		315020	02C12	D2
CRD-SV-118/3819	A610	HVA904052-J		A A							
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 L5/R.4		1	3	A		315020	02C12	D2
CRD-SV-118/3823	A610	HVA904052-J		A A							
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 L5/R.4		1	3	A		315020	02C12	D2
CRD-SV-118/3827	A610	HVA904052-J		A A							
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 L5/R.4		1	3	A		315020	02C12	D2
CRD-SV-118/3831	A610	HVA904052-J		A A							
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 K2/R.4		1	3	A		315020	02C12	D2
CRD-SV-118/3835	A610	HVA904052-J		A A							
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 K2/R.4		1	3	A		315020	02C12	D2
CRD-SV-118/3839	A610	HVA904052-J		A A							
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 K2/R.4		1	3	A		315020	02C12	D2
CRD-SV-118/3843	A610	HVA904052-J		A A							
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 K2/R.4		1	3	A		315020	02C12	D2
CRD-SV-118/3847	A610	HVA904052-J		A A							
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 K2/R.4		1	3	A		315020	02C12	D2
CRD-SV-118/3851	A610	HVA904052-J		A A							
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 K2/R.4		1	3	A		315020	02C12	D2
CRD-SV-118/3855	A610	HVA904052-J		A A							
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 K2/R.4		1	3	A		315020	02C12	D2
CRD-SV-118/3859	A610	HVA904052-J		A A							
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 K2/R.4		1	3	A		315020	02C12	D2

PROGRAM C1E-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00075
DATE 10/01/82

CPN	MFG DESCRIPTION	MODEL	BLOG ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***			FREQ QID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TH HL TEST ANL FO C USE SAFETY FUNCTION					
CRD-SV-118/4203	A610 HVA904052-J			A A	N	612		315020	M528 02C12	D2 2 A
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 L5/R.4		1	3	A			
CRD-SV-118/4207	A610 HVA904052-J			A A	N	612		315020	M528 02C12	D2 2 A
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 L5/R.4		1	3	A			
CRD-SV-118/4211	A610 HVA904052-J			A A	N	612		315020	M528 02C12	D2 2 A
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 L5/R.4		1	3	A			
CRD-SV-118/4215	A610 HVA904052-J			A A	N	612		315020	M528 02C12	D2 2 A
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 L5/R.4		1	3	A			
CRD-SV-118/4219	A610 HVA904052-J			A A	N	612		315020	M528 02C12	D2 2 A
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 L5/R.4		1	3	A			
CRD-SV-118/4223	A610 HVA904052-J			A A	N	612		315020	M528 02C12	D2 2 A
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 L5/R.4		1	3	A			
CRD-SV-118/4227	A610 HVA904052-J			A A	N	612		315020	M528 02C12	D2 2 A
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 L5/R.4		1	3	A			
CRD-SV-118/4231	A610 HVA904052-J			A A	N	612		315020	M528 02C12	D2 2 A
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 K2/R.4		1	3	A			
CRD-SV-118/4235	A610 HVA904052-J			A A	N	612		315020	M528 02C12	D2 2 A
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 K2/R.4		1	3	A			
CRD-SV-118/4239	A610 HVA904052-J			A A	N	612		315020	M528 02C12	D2 2 A
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 K2/R.4		1	3	A			
CRD-SV-118/4243	A610 HVA904052-J			A A	N	612		315020	M528 02C12	D2 2 A
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 K2/R.4		1	3	A			
CRD-SV-118/4247	A610 HVA904052-J			A A	N	612		315020	M528 02C12	D2 2 A
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 K2/R.4		1	3	A			
CRD-SV-118/4251	A610 HVA904052-J			A A	N	612		315020	M528 02C12	D2 2 A
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 K2/R.4		1	3	A			
CRD-SV-118/4255	A610 HVA904052-J			A A	N	612		315020	M528 02C12	D2 2 A
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 K2/R.4		1	3	A			
CRD-SV-118/4259	A610 HVA904052-J			A A	N	612		315020	M528 02C12	D2 2 A
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 K2/R.4		1	3	A			
CRD-SV-118/4607	A610 HVA904052-J			A A	N	612		315020	M528 02C12	D2 2 A
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 L5/R.4		1	3	A			
CRD-SV-118/4611	A610 HVA904052-J			A A	N	612		315020	M528 02C12	D2 2 A
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 L5/R.4		1	3	A			
CRD-SV-118/4615	A610 HVA904052-J			A A	N	612		315020	M528 02C12	D2 2 A
SCRAM SOLENOID PILOT CRD-V-1268127			R 522 L5/R.4		1	3	A			

PROGRAM CIE-SQRT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WPP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00076
DATE 10/01/82

EPN	MFG DESCRIPTION	MODEL	STATUS S E BLOG ELEV DETAIL	***SEISMIC (S) PARAMETERS***			A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
				TH	HL	TEST ANL FO C USE SAFETY FUNCTION		
CRD-SV-118/4619	A610	HVA904052-J	A A	M	612		M528	D2
SCRAM SOLENOID PILOT CRD-V-1264127			R 522 L5/R.4	1	3	A	315020 02C12	2 A
CRD-SV-118/4623	A610	HVA904052-J	A A	M	612		M528	D2
SCRAM SOLENOID PILOT CRD-V-1264127			R 522 L5/R.4	1	3	A	315020 02C12	2 A
CRD-SV-118/4627	A610	HVA904052-J	A A	M	612		M528	D2
SCRAM SOLENOID PILOT CRD-V-1264127			R 522 L5/R.4	1	3	A	315020 02C12	2 A
CRD-SV-118/4631	A610	HVA904052-J	A A	M	612		M528	D2
SCRAM SOLENOID PILOT CRD-V-1264127			R 522 K2/R.4	1	3	A	315020 02C12	2 A
CRD-SV-118/4635	A610	HVA904052-J	A A	M	612		M528	D2
SCRAM SOLENOID PILOT CRD-V-1264127			R 522 K2/R.4	1	3	A	315020 02C12	2 A
CRD-SV-118/4639	A610	HVA904052-J	A A	M	612		M528	D2
SCRAM SOLENOID PILOT CRD-V-1264127			R 522 K2/R.4	1	3	A	315020 02C12	2 A
CRD-SV-118/4643	A610	HVA904052-J	A A	M	612		M528	D2
SCRAM SOLENOID PILOT CRD-V-1264127			R 522 K2/R.4	1	3	A	315020 02C12	2 A
CRD-SV-118/4647	A610	HVA904052-J	A A	M	612		M528	D2
SCRAM SOLENOID PILOT CRD-V-1264127			R 522 K2/R.4	1	3	A	315020 02C12	2 A
CRD-SV-118/4651	A610	HVA904052-J	A A	M	612		M528	D2
SCRAM SOLENOID PILOT CRD-V-1264127			R 522 K2/R.4	1	3	A	315020 02C12	2 A
CRD-SV-118/4655	A610	HVA904052-J	A A	M	612		M528	D2
SCRAM SOLENOID PILOT CRD-V-1264127			R 522 K2/R.4	1	3	A	315020 02C12	2 A
CRD-SV-118/5011	A610	HVA904052-J	A A	M	612		M528	D2
SCRAM SOLENOID PILOT CRD-V-1264127			R 522 L5/R.4	1	3	A	315020 02C12	2 A
CRD-SV-118/5015	A610	HVA904052-J	A A	M	612		M528	D2
SCRAM SOLENOID PILOT CRD-V-1264127			R 522 L5/R.4	1	3	A	315020 02C12	2 A
CRD-SV-118/5019	A610	HVA904052-J	A A	M	612		M528	D2
SCRAM SOLENOID PILOT CRD-V-1264127			R 522 L5/R.4	1	3	A	315020 02C12	2 A
CRD-SV-118/5023	A610	HVA904052-J	A A	M	612		M528	D2
SCRAM SOLENOID PILOT CRD-V-1264127			R 522 L5/R.4	1	3	A	315020 02C12	2 A
CRD-SV-118/5027	A610	HVA904052-J	A A	M	612		M528	D2
SCRAM SOLENOID PILOT CRD-V-1264127			R 522 L5/R.4	1	3	A	315020 02C12	2 A
CRD-SV-118/5031	A610	HVA904052-J	A A	M	612		M528	D2
SCRAM SOLENOID PILOT CRD-V-1264127			R 522 K2/R.4	1	3	A	315020 02C12	2 A
CRD-SV-118/5035	A610	HVA904052-J	A A		612		M528	D2
SCRAM SOLENOID PILOT CRD-V-1264127			R 522 K2/R.4	1	3	A	315020 02C12	2 A
CRD-SV-118/5039	A610	HVA904052-J	A A	M	612		M528	D2
SCRAM SOLENOID PILOT CRD-V-1264127			R 522 K2/P.4	1	3	A	315020 02C12	2 A

PROGRAM C1E-SQRT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LIST

PAGE NO 00077

DATE 10/01/82

EPN	MFG DESCRIPTION	MODEL	RLOG ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***			FREQ OLD	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TH	HL	TEST ANL FO C USE SAFETY FUNCTION			
CRD-SV-118/5043 SCRAM SOLENOID	A610 PILOT CRD-V-126&127	HVA904052-J	R 522 K2/R.4	A A	N	612		315020	H528 02C12	D2 2 A
CRD-SV-118/5047 SCRAM SOLENOID	A610 PILOT CRD-V-126&127	HVA904052-J	R 522 K2/R.4	A A	N	612		315020	H528 02C12	D2 2 A
CRD-SV-118/5051 SCRAM SOLENOID	A610 PILOT CRD-V-126&127	HVA904052-J	R 522 K2/R.4	A A	N	612		315020	H528 02C12	D2 2 A
CRD-SV-118/5415 SCRAM SOLENOID	A610 PILOT CRD-V-126&127	HVA904052-J	R 522 L5/R.4	A A	N	612		315020	H528 02C12	D2 2 A
CRD-SV-118/5419 SCRAM SOLENOID	A610 PILOT CRD-V-126&127	HVA904052-J	R 522 L5/R.4	A A	N	612		315020	H528 02C12	D2 2 A
CRD-SV-118/5423 SCRAM SOLENOID	A610 PILOT CRD-V-126&127	HVA904052-J	R 522 L5/R.4	A A	N	612		315020	H528 02C12	D2 2 A
CRD-SV-118/5427 SCRAM SOLENOID	A610 PILOT CRD-V-126&127	HVA904052-J	R 522 L5/R.4	A A	N	612		315020	H528 02C12	D2 2 A
CRD-SV-118/5431 SCRAM SOLENOID	A610 PILOT CRD-V-126&127	HVA904052-J	R 522 K2/R.4	A A	N	612		315020	H528 02C12	D2 2 A
CRD-SV-118/5435 SCRAM SOLENOID	A610 PILOT CRD-V-126&127	HVA904052-J	R 522 K2/R.4	A A	N	612		315020	H528 02C12	D2 2 A
CRD-SV-118/5439 SCRAM SOLENOID	A610 PILOT CRD-V-126&127	HVA904052-J	R 522 K2/R.4	A A	N	612		315020	H528 02C12	D2 2 A
CRD-SV-118/5443 SCRAM SOLENOID	A610 PILOT CRD-V-126&127	HVA904052-J	R 522 K2/R.4	A A	N	612		315020	H528 02C12	D2 2 A
CRD-SV-118/5447 SCRAM SOLENOID	A610 PILOT CRD-V-126&127	HVA904052-J	R 522 K2/R.4	A A	N	612		315020	H528 02C12	D2 2 A
CRD-SV-118/5819 SCRAM SOLENOID	A610 PILOT CRD-V-126&127	HVA904052-J	R 522 L5/R.4	A A	N	612		315020	H528 02C12	D2 2 A
CRD-SV-118/5823 SCRAM SOLENOID	A610 PILOT CRD-V-126&127	HVA904052-J	R 522 L5/R.4	A A	N	612		315020	H528 02C12	D2 2 A
CRD-SV-118/5827 SCRAM SOLENOID	A610 PILOT CRD-V-126&127	HVA904052-J	R 522 L5/R.4	A A	N	612		315020	H528 02C12	D2 2 A
CRD-SV-118/5831 SCRAM SOLENOID	A610 PILOT CRD-V-126&127	HVA904052-J	R 522 K2/R.4	A A	N	612		315020	H528 02C12	D2 2 A
CRD-SV-118/5835 SCRAM SOLENOID	A610 PILOT CRD-V-126&127	HVA904052-J	R 522 K2/R.4	A A	N	612		315020	H528 02C12	D2 2 A
CRD-SV-118/5839 SCRAM SOLENOID	A610 PILOT CRD-V-126&127	HVA904052-J	R 522 K2/R.4	A A	N	612		315020	H528 02C12	D2 2 A

EPN	MFG	MODEL	STATUS S E	SEISMIC (S) PARAMETERS TM HL TEST ANL FO C FREQ	A/E DRAWING CONTRACT	A/E.ZONE LEVEL EC
DESCRIPTION	BLOG ELEV	DETAIL	USE	SPECIF. FUNCTION	QID	
CRD-SV-118/5843 SCRAM SOLENOID PILOT CRD-V-126&127	A610	HVA909052-J	A A	N 612	M528	D2
	R 522 K2/R.4		1 3	A	315020	02C12 2 A
CRD-SV-120/0219 .5"SOLENOID WITHDRAW EXHAUST VALVE	A610	HVA1709662A	A B	N 612	M528	C4
	R 522 L5/R.4		2 0	A,B1	324007	02C12 2 A
CRD-SV-120/0223 .5"SOLENOID WITHDRAW EXHAUST VALVE	A610	HVA1709662A	A B	N 612	M528	C4
	R 522 L5/R.4		2 0	A,B1	324007	02C12 2 A
CRD-SV-120/0227 .5"SOLENOID WITHDRAW EXHAUST VALVE	A610	HVA1709662A	A B	N 612	M528	C4
	R 522 L5/R.4		2 0	A,B1	324007	02C12 2 A
CRD-SV-120/0231 .5"SOLENOID WITHDRAW EXHAUST VALVE	A610	HVA1709662A	A B	N 612	M528	C4
	R 522 L5/R.4		2 0	A,B1	324007	02C12 2 A
CRD-SV-120/0235 .5"SOLENOID WITHDRAW EXHAUST VALVE	A610	HVA1709662A	A B	N 612	M528	C4
	R 522 K2/R.4		2 0	A,B1	324007	02C12 2 A
CRD-SV-120/0239 .5"SOLENOID WITHDRAW EXHAUST VALVE	A610	HVA1709662A	A B	N 612	M528	C4
	R 522 K2/R.4		2 0	A,B1	324007	02C12 2 A
CRD-SV-120/0243 .5"SOLENOID WITHDRAW EXHAUST VALVE	A610	HVA1709662A	A B	N 612	M528	C4
	R 522 K2/R.4		2 0	A,B1	324007	02C12 2 A
CRD-SV-120/0615 .5"SOLENOID WITHDRAW EXHAUST VALVE	A610	HVA1709662A	A B	N 612	M528	C4
	R 522 L5/R.4		2 0	A,B1	324007	02C12 2 A
CRD-SV-120/0619 .5"SOLENOID WITHDRAW EXHAUST VALVE	A610	HVA1709662A	A B	N 612	M528	C4
	R 522 L5/R.4		2 0	A,B1	324007	02C12 2 A
CRD-SV-120/0623 .5"SOLENOID WITHDRAW EXHAUST VALVE	A610	HVA1709662A	A B	N 612	M528	C4
	R 522 L5/R.4		2 0	A,B1	324007	02C12 2 A
CRD-SV-120/0627 .5"SOLENOID WITHDRAW EXHAUST VALVE	A610	HVA1709662A	A B	N 612	M528	C4
	R 522 L5/R.4		2 0	A,B1	324007	02C12 2 A
CRD-SV-120/0631 .5"SOLENOID WITHDRAW EXHAUST VALVE	A610	HVA1709662A	A B	N 612	M528	C4
	R 522 L5/R.4		2 0	A,B1	324007	02C12 2 A
CRD-SV-120/0635 .5"SOLENOID WITHDRAW EXHAUST VALVE	A610	HVA1709662A	A B	N 612	M528	C4
	R 522 K2/R.4		2 0	A,B1	324007	02C12 2 A
CRD-SV-120/0639 .5"SOLENOID WITHDRAW EXHAUST VALVE	A610	HVA1709662A	A B	N 612	M528	C4
	R 522 K2/R.4		2 0	A,B1	324007	02C12 2 A
CRD-SV-120/0643 .5"SOLENOID WITHDRAW EXHAUST VALVE	A610	HVA1709662A	A B	N 612	M528	C4
	R 522 K2/R.4		2 0	A,B1	324007	02C12 2 A
CRD-SV-120/0647 .5"SOLENOID WITHDRAW EXHAUST VALVE	A610	HVA1709662A	A B	N 612	M528	C4
	R 522 K2/R.4		2 0	A,B1	324007	02C12 2 A
CRD-SV-120/1011 .5"SOLENOID WITHDRAW EXHAUST VALVE	A610	HVA1709662A	A B	N 612	M528	C4
	R 522 L5/R.4		2 0	A,B1	324007	02C12 2 A

EPN	MFG DESCRIPTION	MODEL	BLOG ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***			A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TH	HL TEST	ANL FO C USE SAFETY FUNCTION		
CRD-SV-120/1015	A610	HVA1709662A		A B	N	612		M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/R.4		2 0	A,B1		324007 02C12	2 A
CRD-SV-120/1019	A610	HVA1709662A		A B	N	612		M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/R.4		2 0	A,B1		324007 02C12	2 A
CRD-SV-120/1023	A610	HVA1709662A		A B	N	612		M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/R.4		2 0	A,B1		324007 02C12	2 A
CRD-SV-120/1027	A610	HVA1709662A		A B	N	612		M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/R.4		2 0	A,B1		324007 02C12	2 A
CRD-SV-120/1031	A610	HVA1709662A		A B	N	612		M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/R.4		2 0	A,B1		324007 02C12	2 A
CRD-SV-120/1035	A610	HVA1709662A		A D	N	612		M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/R.4		2 0	A,B1		324007 02C12	2 A
CRD-SV-120/1039	A610	HVA1709662A		A B	N	612		M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/R.4		2 0	A,B1		324007 02C12	2 A
CRD-SV-120/1043	A610	HVA1709662A		A B	N	612		M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/R.4		2 0	A,B1		324007 02C12	2 A
CRD-SV-120/1047	A610	HVA1709662A		A B	N	612		M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/R.4		2 0	A,B1		324007 02C12	2 A
CRD-SV-120/1051	A610	HVA1709662A		A B	N	612		M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/R.4		2 0	A,B1		324007 02C12	2 A
CRD-SV-120/1407	A610	HVA1709662A		A B	N	612		M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/R.4		2 0	A,B1		324007 02C12	2 A
CRD-SV-120/1411	A610	HVA1709662A		A B	N	612		M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/R.4		2 0	A,B1		324007 02C12	2 A
CRD-SV-120/1415	A610	HVA1709662A		A B	N	612		M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/R.4		2 0	A,B1		324007 02C12	2 A
CRD-SV-120/1419	A610	HVA1709662A		A D	N	612		M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/R.4		2 0	A,B1		324007 02C12	2 A
CRD-SV-120/1423	A610	HVA1709662A		A D	N	612		M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/R.4		2 0	A,B1		324007 02C12	2 A
CRD-SV-120/1427	A610	HVA1709662A		A B	N	612		M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/R.4		2 0	A,B1		324007 02C12	2 A
CRD-SV-120/1431	A610	HVA1709662A		A B	N	612		M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/P.4		2 0	A,B1		324007 02C12	2 A
CRD-SV-120/1435	A610	HVA1709662A		A D	N	612		M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/R.4		2 0	A,B1		324007 02C12	2 A

EPN	MFG	MODEL	STATUS S E	***SEISMIC (S) PARAMETERS*** TH HL TEST ANL FO C FREQ A/E DRAWING A/E ZONE USE SAFETY FUNCTION RID CONTRACT LEVEL EC
DESCRIPTION	BLOG ELEV	DETAIL		
CRD-SV-120/1439 .5"SOLENOID WITHDRAW EXHAUST VALVE	A610 R 522 K2/B.4	HVA1709662A A B	H 612 2 0 A,B1	M528 324007 02C12 2 CA A
CRD-SV-120/1443 .5"SOLENOID WITHDRAW EXHAUST VALVE	A610 R 522 K2/B.4	HVA1709662A A B	H 612 2 0 A,B1	M528 324007 02C12 2 CA A
CRD-SV-120/1447 .5"SOLENOID WITHDRAW EXHAUST VALVE	A610 R 522 K2/B.4	HVA1709662A A B	H 612 2 0 A,B1	M528 324007 02C12 2 CA A
CRD-SV-120/1451 .5"SOLENOID WITHDRAW EXHAUST VALVE	A610 R 522 K2/B.4	HVA1709662A A B	H 612 2 0 A,B1	M528 324007 02C12 2 CA A
CRD-SV-120/1455 .5"SOLENOID WITHDRAW EXHAUST VALVE	A610 R 522 K2/B.4	HVA1709662A A B	H 612 2 0 A,B1	M528 324007 02C12 2 CA A
CRD-SV-120/1803 .5"SOLENOID WITHDRAW EXHAUST VALVE	A610 R 522 L5/B.4	HVA1709662A A B	H 612 2 0 A,B1	M528 324007 02C12 2 CA A
CRD-SV-120/1807 .5"SOLENOID WITHDRAW EXHAUST VALVE	A610 R 522 L5/B.4	HVA1709662A A B	H 612 2 0 A,B1	M528 324007 02C12 2 CA A
CRD-SV-120/1811 .5"SOLENOID WITHDRAW EXHAUST VALVE	A610 R 522 L5/B.4	HVA1709662A A B	H 612 2 0 A,B1	M528 324007 02C12 2 CA A
CRD-SV-120/1815 .5"SOLENOID WITHDRAW EXHAUST VALVE	A610 R 522 L5/B.4	HVA1709662A A B	H 612 2 0 A,B1	M528 324007 02C12 2 CA A
CRD-SV-120/1819 .5"SOLENOID WITHDRAW EXHAUST VALVE	A610 R 522 L5/B.4	HVA1709662A A B	H 612 2 0 A,B1	M528 324007 02C12 2 CA A
CRD-SV-120/1823 .5"SOLENOID WITHDRAW EXHAUST VALVE	A610 R 522 L5/B.4	HVA1709662A A B	H 612 2 0 A,B1	M528 324007 02C12 2 CA A
CRD-SV-120/1827 .5"SOLENOID WITHDRAW EXHAUST VALVE	A610 R 522 L5/B.4	HVA1709662A A B	H 612 2 0 A,B1	M528 324007 02C12 2 CA A
CRD-SV-120/1831 .5"SOLENOID WITHDRAW EXHAUST VALVE	A610 R 522 L5/B.4	HVA1709662A A B	H 612 2 0 A,B1	M528 324007 02C12 2 CA A
CRD-SV-120/1835 .5"SOLENOID WITHDRAW EXHAUST VALVE	A610 R 522 K2/B.4	HVA1709662A A B	H 612 2 0 A,B1	M528 324007 02C12 2 CA A
CRD-SV-120/1839 .5"SOLENOID WITHDRAW EXHAUST VALVE	A610 R 522 K2/B.4	HVA1709662A A B	H 612 2 0 A,B1	M528 324007 02C12 2 CA A
CRD-SV-120/1843 .5"SOLENOID WITHDRAW EXHAUST VALVE	A610 R 522 K2/B.4	HVA1709662A A B	H 612 2 0 A,B1	M528 324007 02C12 2 CA A
CRD-SV-120/1847 .5"SOLENOID WITHDRAW EXHAUST VALVE	A610 R 522 K2/B.4	HVA1709662A A B	H 612 2 0 A,B1	M528 324007 02C12 2 CA A
CRD-SV-120/1851 .5"SOLENOID WITHDRAW EXHAUST VALVE	A610 R 522 K2/B.4	HVA1709662A A B	H 612 2 0 A,B1	M528 324007 02C12 2 CA A

EPN	MFG DESCRIPTION	MODEL	STATUS S E RLOG ELEV DETAIL	***SEISMIC (S) PARAMETERS***			FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
				TM	HL	TEST ANL FO C USE SAFETY FUNCTION QID			
CRD-SV-120/1855	A610	HVA1709662A	A B	N	612				
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/8.4	2 0	A,B1		324007	M528 02C12	C4 2 A
CRD-SV-120/1859	A610	HVA1709662A	A B	N	612				
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/8.4	2 0	A,B1		324007	M528 02C12	C4 2 A
CRD-SV-120/2203	A610	HVA1709662A	A B	N	612				
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/8.4	2 0	A,B1		324007	M528 02C12	C4 2 A
CRD-SV-120/2207	A610	HVA1709662A	A B	N	612				
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/8.4	2 0	A,B1		324007	M528 02C12	C4 2 A
CRD-SV-120/2211	A610	HVA1709662A	A B	N	612				
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/8.4	2 0	A,B1		324007	M528 02C12	C4 2 A
CRD-SV-120/2215	A610	HVA1709662A	A B	N	612				
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/8.4	2 0	A,B1		324007	M528 02C12	C4 2 A
CRD-SV-120/2219	A610	HVA1709662A	A B	N	612				
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/8.4	2 0	A,B1		324007	M528 02C12	C4 2 A
CRD-SV-120/2223	A610	HVA1709662A	A B	N	612				
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/8.4	2 0	A,B1		324007	M528 02C12	C4 2 A
CRD-SV-120/2227	A610	HVA1709662A	A B	N	612				
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/8.4	2 0	A,B1		324007	M528 02C12	C4 2 A
CRD-SV-120/2231	A610	HVA1709662A	A B	N	612				
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/8.4	2 0	A,B1		324007	M528 02C12	C4 2 A
CRD-SV-120/2235	A610	HVA1709662A	A B	N	612				
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/8.4	2 0	A,B1		324007	M528 02C12	C4 2 A
CRD-SV-120/2239	A610	HVA1709662A	A B	N	612				
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/8.4	2 0	A,B1		324007	M528 02C12	C4 2 A
CRD-SV-120/2243	A610	HVA1709662A	A B	N	612				
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/8.4	2 0	A,B1		324007	M528 02C12	C4 2 A
CRD-SV-120/2247	A610	HVA1709662A	A B	N	612				
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/8.4	2 0	A,B1		324007	M528 02C12	C4 2 A
CRD-SV-120/2251	A610	HVA1709662A	A B	N	612				
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/8.4	2 0	A,B1		324007	M528 02C12	C4 2 A
CRD-SV-120/2255	A610	HVA1709662A	A B	N	612				
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/8.4	2 0	A,B1		324007	M528 02C12	C4 2 A
CRD-SV-120/2259	A610	HVA1709662A	A B	N	612				
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/8.4	2 0	A,B1		324007	M528 02C12	C4 2 A
CRD-SV-120/2403	A610	HVA1709662A	A B	N	612				
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/8.4	2 0	A,B1		324007	M528 02C12	C4 2 A

PROGRAM C1E-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WHP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00082
DATE 10/01/82

EPH	MFG	MODEL	STATUS S E	TH HL TEST ANL FO C	FREQ	A/E DRAWING	A/E ZONE
DESCRIPTION	BLDG ELEV	DETAIL	USE	SAFETY FUNCTION	QID	CONTRACT	LEVEL EC
CRD-SV-120/2607	A610	HVA1709662A	A B	N 612		H528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE	R 522 L5/8.4		2 0	A,B1	324007	02C12	2 A
CRD-SV-120/2611	A610	HVA1709662A	A B	N 612		H528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE	R 522 L5/8.4		2 0	A,B1	324007	02C12	2 A
CRD-SV-120/2615	A610	HVA1709662A	A B	N 612		H528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE	R 522 L5/8.4		2 0	A,B1	324007	02C12	2 A
CRD-SV-120/2619	A610	HVA1709662A	A B	N 612		H528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE	R 522 L5/8.4		2 0	A,B1	324007	02C12	2 A
CRD-SV-120/2623	A610	HVA1709662A	A B	N 612		H528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE	R 522 L5/8.4		2 0	A,B1	324007	02C12	2 A
CRD-SV-120/2627	A610	HVA1709662A	A B	N 612		H528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE	R 522 L5/8.4		2 0	A,B1	324007	02C12	2 A
CRD-SV-120/2631	A610	HVA1709662A	A B	N 612		H528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE	R 522 L5/8.4		2 0	A,B1	324007	02C12	2 A
CRD-SV-120/2635	A610	HVA1709662A	A B	N 612		H528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE	R 522 K2/8.4		2 0	A,B1	324007	02C12	2 A
CRD-SV-120/2639	A610	HVA1709662A	A B	N 612		H528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE	R 522 K2/8.4		2 0	A,B1	324007	02C12	2 A
CRD-SV-120/2643	A610	HVA1709662A	A B	N 612		H528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE	R 522 K2/8.4		2 0	A,B1	324007	02C12	2 A
CRD-SV-120/2647	A610	HVA1709662A	A B	N 612		H528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE	R 522 K2/8.4		2 0	A,B1	324007	02C12	2 A
CRD-SV-120/2651	A610	HVA1709662A	A B	N 612		H528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE	R 522 K2/8.4		2 0	A,B1	324007	02C12	2 A
CRD-SV-120/2655	A610	HVA1709662A	A B	N 612		H528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE	R 522 K2/8.4		2 0	A,B1	324007	02C12	2 A
CRD-SV-120/2659	A610	HVA1709662A	A B	N 612		H528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE	R 522 K2/8.4		2 0	A,B1	324007	02C12	2 A
CRD-SV-120/3003	A610	HVA1709662A	A B	N 612		H528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE	R 522 L5/8.4		2 0	A,B1	324007	02C12	2 A
CRD-SV-120/3007	A610	HVA1709662A	A B	N 612		H528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE	R 522 L5/8.4		2 0	A,B1	324007	02C12	2 A
CRD-SV-120/3011	A610	HVA1709662A	A B	N 612		H528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE	R 522 L5/8.4		2 0	A,B1	324007	02C12	2 A
CRD-SV-120/3015	A610	HVA1709662A	A B	N 612		H528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE	R 522 L5/8.4		2 0	A,B1	324007	02C12	2 A

EPN	MFG DESCRIPTION	MODEL	BLOG ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***			A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TH	HL	TEST AHL FO C USE SAFETY FUNCTION		
CRD-SV-120/3019	A610	HVA1709662A		A B	N	612		M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/B.4		2 0	A,B1	324007	02C12	2 A
CRD-SV-120/3023	A610	HVA1709662A		A B	N	612		M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/B.4		2 0	A,B1	324007	02C12	2 A
CRD-SV-120/3027	A610	HVA1709662A		A B	N	612		M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/B.4		2 0	A,B1	324007	02C12	2 A
CRD-SV-120/3031	A610	HVA1709662A		A B	N	612		M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/B.4		2 0	A,B1	324007	02C12	2 A
CRD-SV-120/3035	A610	HVA1709662A		A B	N	612		M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/B.4		2 0	A,B1	324007	02C12	2 A
CRD-SV-120/3039	A610	HVA1709662A		A B	N	612		M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/B.4		2 0	A,B1	324007	02C12	2 A
CRD-SV-120/3043	A610	HVA1709662A		A B	N	612		M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/B.4		2 0	A,B1	324007	02C12	2 A
CRD-SV-120/3047	A610	HVA1709662A		A B	N	612		M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/B.4		2 0	A,B1	324007	02C12	2 A
CRD-SV-120/3051	A610	HVA1709662A		A B	N	612		M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/B.4		2 0	A,B1	324007	02C12	2 A
CRD-SV-120/3055	A610	HVA1709662A		A B	N	612		M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/B.4		2 0	A,B1	324007	02C12	2 A
CRD-SV-120/3059	A610	HVA1709662A		A B	N	612		M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/B.4		2 0	A,B1	324007	02C12	2 A
CRD-SV-120/3403	A610	HVA1709662A		A B	N	612		M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/B.4		2 0	A,B1	324007	02C12	2 A
CRD-SV-120/3407	A610	HVA1709662A		A B	N	612		M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/B.4		2 0	A,B1	324007	02C12	2 A
CRD-SV-120/3411	A610	HVA1709662A		A B	N	612		M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/B.4		2 0	A,B1	324007	02C12	2 A
CRD-SV-120/3415	A610	HVA1709662A		A B	N	612		M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/B.4		2 0	A,B1	324007	02C12	2 A
CRD-SV-120/3419	A610	HVA1709662A		A B	N	612		M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/B.4		2 0	A,B1	324007	02C12	2 A
CRD-SV-120/3423	A610	HVA1709662A		A B	N	612		M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/B.4		2 0	A,B1	324007	02C12	2 A
CRD-SV-120/3427	A610	HVA1709662A		A B	N	612		M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/B.4		2 0	A,B1	324007	02C12	2 A

EPN	MFG	MODEL	STATUS S E	BLDG ELEV	DETAIL	SEISMIC (S) PARAMETERS TH HL TEST ANL FO C USE SAFETY FUNCTION	FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
CRD-SV-120/3431	A610	HVA1709662A	A B		N 612		M528	C4	
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/B.4		2 0 A.B1		324007 02C12	2	A
CRD-SV-120/3435	A610	HVA1709662A	A B		N 612		M528	C4	
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/B.4		2 0 A.B1		324007 02C12	2	A
CRD-SV-120/3439	A610	HVA1709662A	A B		N 612		M528	C4	
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/B.4		2 0 A.B1		324007 02C12	2	A
CRD-SV-120/3443	A610	HVA1709662A	A B		N 612		M528	C4	
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/B.4		2 0 A.B1		324007 02C12	2	A
CRD-SV-120/3447	A610	HVA1709662A	A B		N 612		M528	C4	
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/B.4		2 0 A.B1		324007 02C12	2	A
CRD-SV-120/3451	A610	HVA1709662A	A B		N 612		M528	C4	
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/B.4		2 0 A.B1		324007 02C12	2	A
CRD-SV-120/3455	A610	HVA1709662A	A B		N 612		M528	C4	
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/B.4		2 0 A.B1		324007 02C12	2	A
CRD-SV-120/3459	A610	HVA1709662A	A B		N 612		M528	C4	
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/B.4		2 0 A.B1		324007 02C12	2	A
CRD-SV-120/3803	A610	HVA1709662A	A B		N 612		M528	C4	
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/B.4		2 0 A.B1		324007 02C12	2	A
CRD-SV-120/3807	A610	HVA1709662A	A B		N 612		M528	C4	
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/B.4		2 0 A.B1		324007 02C12	2	A
CRD-SV-120/3811	A610	HVA1709662A	A B		N 612		M528	C4	
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/B.4		2 0 A.B1		324007 02C12	2	A
CRD-SV-120/3815	A610	HVA1709662A	A B		N 612		M528	C4	
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/B.4		2 0 A.B1		324007 02C12	2	A
CRD-SV-120/3819	A610	HVA1709662A	A B		N 612		M528	C4	
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/B.4		2 0 A.B1		324007 02C12	2	A
CRD-SV-120/3823	A610	HVA1709662A	A B		N 612		M528	C4	
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/B.4		2 0 A.B1		324007 02C12	2	A
CRD-SV-120/3827	A610	HVA1709662A	A B		N 612		M528	C4	
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/B.4		2 0 A.B1		324007 02C12	2	A
CRD-SV-120/3831	A610	HVA1709662A	A B		N 612		M528	C4	
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/B.4		2 0 A.B1		324007 02C12	2	A
CRD-SV-120/3835	A610	HVA1709662A	A B		N 612		M528	C4	
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/B.4		2 0 A.B1		324007 02C12	2	A
CRD-SV-120/3839	A610	HVA1709662A	A B		N 612		M528	C4	
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/B.4		2 0 A.B1		324007 02C12	2	A

EPN	MFG DESCRIPTION	MODEL	BLDG ELEV	STATUS S E DETAIL	**SEISMIC (S) PARAMETERS**			A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TM HL TEST ANL FO C USE SAFETY FUNCTION	FREQ	DJD		
CRD-SV-120/3843	A610 HVA1709662A			A B	N 612			M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE		R 522 K2/R.4			2 0 A,B1		324007	02C12	2 A
CRD-SV-120/3847	A610 HVA1709662A			A B	N 612			M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE		R 522 K2/R.4			2 0 A,B1		324007	02C12	2 A
CRD-SV-120/3851	A610 HVA1709662A			A B	N 612			M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE		R 522 K2/R.4			2 0 A,B1		324007	02C12	2 A
CRD-SV-120/3855	A610 HVA1709662A			A B	N 612			M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE		R 522 K2/R.4			2 0 A,B1		324007	02C12	2 A
CRD-SV-120/3859	A610 HVA1709662A			A B	N 612			M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE		R 522 K2/R.4			2 0 A,B1		324007	02C12	2 A
CRD-SV-120/4203	A610 HVA1709662A			A B	N 612			M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE		R 522 L5/R.4			2 0 A,B1		324007	02C12	2 A
CRD-SV-120/4207	A610 HVA1709662A			A B	N 612			M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE		R 522 L5/R.4			2 0 A,B1		324007	02C12	2 A
CRD-SV-120/4211	A610 HVA1709662A			A B	N 612			M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE		R 522 L5/R.4			2 0 A,B1		324007	02C12	2 A
CRD-SV-120/4215	A610 HVA1709662A			A B	N 612			M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE		R 522 L5/R.4			2 0 A,B1		324007	02C12	2 A
CRD-SV-120/4219	A610 HVA1709662A			A B	N 612			M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE		R 522 L5/R.4			2 0 A,B1		324007	02C12	2 A
CRD-SV-120/4223	A610 HVA1709662A			A B	N 612			M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE		R 522 L5/R.4			2 0 A,B1		324007	02C12	2 A
CRD-SV-120/4227	A610 HVA1709662A			A B	N 612			M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE		R 522 L5/R.4			2 0 A,B1		324007	02C12	2 A
CRD-SV-120/4231	A610 HVA1709662A			A B	N 612			M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE		R 522 K2/R.4			2 0 A,B1		324007	02C12	2 A
CRD-SV-120/4235	A610 HVA1709662A			A B	N 612			M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE		R 522 K2/R.4			2 0 A,B1		324007	02C12	2 A
CRD-SV-120/4239	A610 HVA1709662A			A B	N 612			M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE		R 522 K2/R.4			2 0 A,B1		324007	02C12	2 A
CRD-SV-120/4243	A610 HVA1709662A			A B	N 612			M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE		R 522 K2/R.4			2 0 A,B1		324007	02C12	2 A
CRD-SV-120/4247	A610 HVA1709662A			A B	N 612			M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE		R 522 K2/R.4			2 0 A,B1		324007	02C12	2 A
CRD-SV-120/4251	A610 HVA1709662A			A B	N 612			M528	C4
.5"SOLENOID WITHDRAW EXHAUST VALVE		R 522 K2/R.4			2 0 A,B1		324007	02C12	2 A

EPH	HFG	MODEL	STATUS S E	BLOG ELEV	***SEISMIC (S) PARAMETERS***					FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TH	HL	TEST	ANL	FO C			
DESCRIPTION			DETAIL		USE		SAFETY	FUNCTION		QID		
CRD-SV-120/4255	A610	HVA1709662A	A B	N 612								
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/R.4	2 0	A,B1				324007	02C12	2	A
CRD-SV-120/4259	A610	HVA1709662A	A B	N 612								
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/R.4	2 0	A,B1				324007	02C12	2	A
CRD-SV-120/4607	A610	HVA1709662A	A B	N 612								
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/R.4	2 0	A,B1				324007	02C12	2	A
CRD-SV-120/4611	A610	HVA1709662A	A B	N 612								
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/R.4	2 0	A,B1				324007	02C12	2	A
CRD-SV-120/4615	A610	HVA1709662A	A B	N 612								
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/R.4	2 0	A,B1				324007	02C12	2	A
CRD-SV-120/4619	A610	HVA1709662A	A B	N 612								
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/R.4	2 0	A,B1				324007	02C12	2	A
CRD-SV-120/4623	A610	HVA1709662A	A B	N 612								
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/R.4	2 0	A,B1				324007	02C12	2	A
CRD-SV-120/4627	A610	HVA1709662A	A B	N 612								
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/R.4	2 0	A,B1				324007	02C12	2	A
CRD-SV-120/4631	A610	HVA1709662A	A B	N 612								
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/R.4	2 0	A,B1				324007	02C12	2	A
CRD-SV-120/4635	A610	HVA1709662A	A B	N 612								
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/R.4	2 0	A,B1				324007	02C12	2	A
CRD-SV-120/4639	A610	HVA1709662A	A B	N 612								
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/R.4	2 0	A,B1				324007	02C12	2	A
CRD-SV-120/4643	A610	HVA1709662A	A B	N 612								
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/R.4	2 0	A,B1				324007	02C12	2	A
CRD-SV-120/4647	A610	HVA1709662A	A B	N 612								
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/R.4	2 0	A,B1				324007	02C12	2	A
CRD-SV-120/4651	A610	HVA1709662A	A B	N 612								
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/R.4	2 0	A,B1				324007	02C12	2	A
CRD-SV-120/4655	A610	HVA1709662A	A B	N 612								
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/R.4	2 0	A,B1				324007	02C12	2	A
CRD-SV-120/5011	A610	HVA1709662A	A B	N 612								
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/R.4	2 0	A,B1				324007	02C12	2	A
CRD-SV-120/5015	A610	HVA1709662A	A B	N 612								
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/R.4	2 0	A,B1				324007	02C12	2	A
CRD-SV-120/5019	A610	HVA1709662A	A B	N 612								
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/R.4	2 0	A,B1				324007	02C12	2	A

PROGRAM CIE-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
UNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00087
DATE 10/01/82

EPN	HFG DESCRIPTION	MODEL	BLDG ELEV	STATUS S E DETAIL	...SEISMIC (S) PARAMETERS...			FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TH	HL	TEST ANL FO C USE SAFETY FUNCTION			
CRD-SV-120/5023	A610	HVA1709662A		A B	N	612		M528		C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/B.4	2 0	A,B1		324007	02C12	2	A
CRD-SV-120/5027	A610	HVA1709662A		A B	N	612		M528		C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/B.4	2 0	A,B1		324007	02C12	2	A
CRD-SV-120/5031	A610	HVA1709662A		A B	N	612		M528		C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/R.4	2 0	A,B1		324007	02C12	2	A
CRD-SV-120/5035	A610	HVA1709662A		A B	N	612		M528		C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/B.4	1 3	G		324007	02C12	2	A
CRD-SV-120/5039	A610	HVA1709662A		A B	N	612		M528		C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/B.4	2 0	A,B1		324007	02C12	2	A
CRD-SV-120/5043	A610	HVA1709662A		A B	N	612		M528		C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/B.4	2 0	A,B1		324007	02C12	2	A
CRD-SV-120/5047	A610	HVA1709662A		A B	N	612		M528		C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/B.4	2 0	A,B1		324007	02C12	2	A
CRD-SV-120/5051	A610	HVA1709662A		A B	N	612		M528		C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/B.4	2 0	A,B1		324007	02C12	2	A
CRD-SV-120/5415	A610	HVA1709662A		A B	N	612		M528		C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/B.4	2 0	A,B1		324007	02C12	2	A
CRD-SV-120/5419	A610	HVA1709662A		A B	N	612		M528		C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/B.4	2 0	A,B1		324007	02C12	2	A
CRD-SV-120/5423	A610	HVA1709662A		A B	N	612		M528		C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/B.4	2 0	A,B1		324007	02C12	2	A
CRD-SV-120/5427	A610	HVA1709662A		A B	N	612		M528		C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/B.4	2 0	A,B1		324007	02C12	2	A
CRD-SV-120/5431	A610	HVA1709662A		A B	N	612		M528		C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/B.4	2 0	A,B1		324007	02C12	2	A
CRD-SV-120/5435	A610	HVA1709662A		A B	N	612		M528		C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/B.4	2 0	A,B1		324007	02C12	2	A
CRD-SV-120/5439	A610	HVA1709662A		A B	N	612		M528		C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/R.4	2 0	A,B1		324007	02C12	2	A
CRD-SV-120/5443	A610	HVA1709662A		A B	N	612		M528		C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/R.4	2 0	A,B1		324007	02C12	2	A
CRD-SV-120/5447	A610	HVA1709662A		A B	N	612		M528		C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/R.4	2 0	A,B1		324007	02C12	2	A
CRD-SV-120/5419	A610	HVA1709662A		A B	N	612		M528		C4
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/B.4	2 0	A,B1		324007	02C12	2	A

PROGRAM CIE-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00088
DATE 10/01/82

EPN	MFG DESCRIPTION	MODEL	BLDG ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***			FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TM	HL TEST ANL FO C	USE SAFETY FUNCTION			
CRD-SV-120/5023	A610	HVA1709662A		A B	N	612				
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/R.4		2 0	A,B1		324007	M528 02C12	2 CA A
CRD-SV-120/5027	A610	HVA1709662A		A B	N	612				
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 L5/R.4		2 0	A,B1		324007	M528 02C12	2 CA A
CRD-SV-120/5031	A610	HVA1709662A		A B	N	612				
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/R.4		2 0	A,B1		324007	M528 02C12	2 CA A
CRD-SV-120/5035	A610	HVA1709662A		A B	N	612				
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/R.4		2 0	A,B1		324007	M528 02C12	2 CA A
CRD-SV-120/5039	A610	HVA1709662A		A B	N	612				
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/R.4		2 0	A,B1		324007	M528 02C12	2 CA A
CRD-SV-120/5043	A610	HVA1709662A		A B	N	612				
.5"SOLENOID WITHDRAW EXHAUST VALVE			R 522 K2/R.4		2 0	A,B1		324007	M528 02C12	2 CA A
CRD-SV-121/0219	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/R.4		2 0	A,B1		324007	M528 02C12	2 CA A
CRD-SV-121/0223	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/R.4		2 0	A,B1		324007	M528 02C12	2 CA A
CRD-SV-121/0227	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/R.4		2 0	A,B1		324007	M528 02C12	2 CA A
CRD-SV-121/0231	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/R.4		2 0	A,B1		324007	M528 02C12	2 CA A
CRD-SV-121/0235	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 K2/R.4		2 0	A,B1		324007	M528 02C12	2 CA A
CRD-SV-121/0239	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 K2/R.4		2 0	A,B1		324007	M528 02C12	2 CA A
CRD-SV-121/0243	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 K2/R.4		2 0	A,B1		324007	M528 02C12	2 CA A
CRD-SV-121/0615	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/R.4		2 0	A,B1		324007	M528 02C12	2 CA A
CRD-SV-121/0619	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/R.4		2 0	A,B1		324007	M528 02C12	2 CA A
CRD-SV-121/0623	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/R.4		2 0	A,B1		324007	M528 02C12	2 CA A
CRD-SV-121/0627	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/R.4		2 0	A,B1		324007	M528 02C12	2 CA A
CRD-SV-121/0631	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/R.4		2 0	A,B1		324007	M528 02C12	2 CA A

EPN	MFG DESCRIPTION	MODEL	BLOG ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***			FREQ QID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TM	HL	TEST ANL FO C USE SAFETY FUNCTION			
CRD-SV-121/0635	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 K2/R.4		2 0	A,B1		324007	H528 02C12	C4 2 A
CRD-SV-121/0639	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 K2/R.4		2 0	A,B1		324007	H528 02C12	C4 2 A
CRD-SV-121/0643	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 K2/R.4		2 0	A,B1		324007	H528 02C12	C4 2 A
CRD-SV-121/0647	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 K2/R.4		2 0	A,B1		324007	H528 02C12	C4 2 A
CRD-SV-121/1011	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/R.4		2 0	A,B1		324007	H528 02C12	C4 2 A
CRD-SV-121/1015	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/R.4		2 0	A,B1		324007	H528 02C12	C4 2 A
CRD-SV-121/1019	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/R.4		2 0	A,B1		324007	H528 02C12	C4 2 A
CRD-SV-121/1023	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/R.4		2 0	A,B1		324007	H528 02C12	C4 2 A
CRD-SV-121/1027	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/R.4		2 0	A,B1		324007	H528 02C12	C4 2 A
CRD-SV-121/1031	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/R.4		2 0	A,B1		324007	H528 02C12	C4 2 A
CRD-SV-121/1035	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 K2/R.4		2 0	A,B1		324007	H528 02C12	C4 2 A
CRD-SV-121/1039	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 K2/R.4		2 0	A,B1		324007	H528 02C12	C4 2 A
CRD-SV-121/1043	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 K2/R.4		2 0	A,B1		324007	H528 02C12	C4 2 A
CRD-SV-121/1047	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 K2/R.4		2 0	A,B1		324007	H528 02C12	C4 2 A
CRD-SV-121/1051	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 K2/R.4		2 0	A,B1		324007	H528 02C12	C4 2 A
CRD-SV-121/1407	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/R.4		2 0	A,B1		324007	H528 02C12	C4 2 A
CRD-SV-121/1411	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/P.4		2 0	A,B1		324007	H528 02C12	C4 2 A
CRD-SV-121/1415	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/P.4		2 0	A,B1		324007	H528 02C12	C4 2 A

EPN	MFG DESCRIPTION	MODEL	STATUS S E BLOG ELEV DETAIL	***SEISMIC (S) PARAMETERS***			FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
				TH	HL	ANL FO C			
USE	SAFETY FUNCTION	OID							
CRD-SV-121/1419	A610	HVA1709662A	A.B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/R.4	2 0	A,B1		324007	M528 02C12	C4 A
CRD-SV-121/1423	A610	HVA1709662A	A.B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/R.4	2 0	A,B1		324007	M528 02C12	C4 A
CRD-SV-121/1427	A610	HVA1709662A	A.B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/R.4	2 0	A,B1		324007	M528 02C12	C4 A
CRD-SV-121/1431	A610	HVA1709662A	A.B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/R.4	2 0	A,B1		324007	M528 02C12	C4 A
CRD-SV-121/1435	A610	HVA1709662A	A.B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 K2/R.4	2 0	A,B1		324007	M528 02C12	C4 A
CRD-SV-121/1439	A610	HVA1709662A	A.B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 K2/R.4	2 0	A,B1		324007	M528 02C12	C4 A
CRD-SV-121/1443	A610	HVA1709662A	A.B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 K2/R.4	2 0	A,B1		324007	M528 02C12	C4 A
CRD-SV-121/1447	A610	HVA1709662A	A.B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 K2/R.4	2 0	A,B1		324007	M528 02C12	C4 A
CRD-SV-121/1451	A610	HVA1709662A	A.B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 K2/R.4	2 0	A,B1		324007	M528 02C12	C4 A
CRD-SV-121/1455	A610	HVA1709662A	A.B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 K2/R.4	2 0	A,B1		324007	M528 02C12	C4 A
CRD-SV-121/1803	A610	HVA1709662A	A.B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/R.4	2 0	A,B1		324007	M528 02C12	C4 A
CRD-SV-121/1807	A610	HVA1709662A	A.B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/R.4	2 0	A,B1		324007	M528 02C12	C4 A
CRD-SV-121/1811	A610	HVA1709662A	A.B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/R.4	2 0	A,B1		324007	M528 02C12	C4 A
CRD-SV-121/1815	A610	HVA1709662A	A.B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/R.4	2 0	A,B1		324007	M528 02C12	C4 A
CRD-SV-121/1819	A610	HVA1709662A	A.B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/R.4	2 0	A,B1		324007	M528 02C12	C4 A
CRD-SV-121/1823	A610	HVA1709662A	A.B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/R.4	2 0	A,B1		324007	M528 02C12	C4 A
CRD-SV-121/1827	A610	HVA1709662A	A.B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/R.4	2 0	A,B1		324007	M528 02C12	C4 A
CRD-SV-121/1831	A610	HVA1709662A	A.B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/R.4	2 0	A,B1		324007	M528 02C12	C4 A

EPN	MFG DESCRIPTION	MODEL	STATUS S E BLDG ELEV DETAIL	***SEISMIC (S) PARAMETERS***			A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
				1M HL TEST ANL FO C USE SAFELY FUNCTION QID	FREQ			
CRD-SV-121/1835	A610	HVA1709662A	A B	N 612				
.5"SOLENOID INSERT EXHAUST VALVE		R 522 K2/R.4	2 0	A,B1	324007	M528 02C12	2	C4 A
CRD-SV-121/1839	A610	HVA1709662A	A B	N 612				
.5"SOLENOID INSERT EXHAUST VALVE		R 522 K2/R.4	2 0	A,B1	324007	M528 02C12	2	C4 A
CRD-SV-121/1843	A610	HVA1709662A	A B	N 612				
.5"SOLENOID INSERT EXHAUST VALVE		R 522 K2/R.4	2 0	A,B1	324007	M528 02C12	2	C4 A
CRD-SV-121/1847	A610	HVA1709662A	A B	N 612				
.5"SOLENOID INSERT EXHAUST VALVE		R 522 K2/R.4	2 0	A,B1	324007	M528 02C12	2	C4 A
CRD-SV-121/1851	A610	HVA1709662A	A B	N 612				
.5"SOLENOID INSERT EXHAUST VALVE		R 522 K2/R.4	2 0	A,B1	324007	M528 02C12	2	C4 A
CRD-SV-121/1855	A610	HVA1709662A	A B	N 612				
.5"SOLENOID INSERT EXHAUST VALVE		R 522 K2/R.4	2 0	A,B1	324007	M528 02C12	2	C4 A
CRD-SV-121/1859	A610	HVA1709662A	A B	N 612				
.5"SOLENOID INSERT EXHAUST VALVE		R 522 K2/R.4	2 0	A,B1	324007	M528 02C12	2	C4 A
CRD-SV-121/2203	A610	HVA1709662A	A B	N 612				
.5"SOLENOID INSERT EXHAUST VALVE		R 522 L5/R.4	2 0	A,B1	324007	M528 02C12	2	C4 A
CRD-SV-121/2207	A610	HVA1709662A	A B	N 612				
.5"SOLENOID INSERT EXHAUST VALVE		R 522 L5/R.4	2 0	A,B1	324007	M528 02C12	2	C4 A
CRD-SV-121/2211	A610	HVA1709662A	A B	N 612				
.5"SOLENOID INSERT EXHAUST VALVE		R 522 L5/R.4	2 0	A,B1	324007	M528 02C12	2	C4 A
CRD-SV-121/2215	A610	HVA1709662A	A B	N 612				
.5"SOLENOID INSERT EXHAUST VALVE		R 522 L5/R.4	2 0	A,B1	324007	M528 02C12	2	C4 A
CRD-SV-121/2219	A610	HVA1709662A	A B	N 612				
.5"SOLENOID INSERT EXHAUST VALVE		R 522 L5/R.4	2 0	A,B1	324007	M528 02C12	2	C4 A
CRD-SV-121/2223	A610	HVA1709662A	A B	N 612				
.5"SOLENOID INSERT EXHAUST VALVE		R 522 L5/R.4	2 0	A,B1	324007	M528 02C12	2	C4 A
CRD-SV-121/2227	A610	HVA1709662A	A B	N 612				
.5"SOLENOID INSERT EXHAUST VALVE		R 522 L5/R.4	2 0	A,B1	324007	M528 02C12	2	C4 A
CRD-SV-121/2231	A610	HVA1709662A	A B	N 612				
.5"SOLENOID INSERT EXHAUST VALVE		R 522 L5/R.4	2 0	A,B1	324007	M528 02C12	2	C4 A
CRD-SV-121/2235	A610	HVA1709662A	A B	N 612				
.5"SOLENOID INSERT EXHAUST VALVE		R 522 K2/R.4	2 0	A,B1	324007	M528 02C12	2	C4 A
CRD-SV-121/2239	A610	HVA1709662A	A B	N 612				
.5"SOLENOID INSERT EXHAUST VALVE		R 522 K2/R.4	2 0	A,B1	324007	M528 02C12	2	C4 A
CRD-SV-121/2243	A610	HVA1709662A	A B	N 612				
.5"SOLENOID INSERT EXHAUST VALVE		R 522 K2/R.4	2 0	A,B1	324007	M528 02C12	2	C4 A

EPH	MFG	MODEL	STATUS S E	***SEISMIC (S) PARAMETERS*** TH IIL TEST AHL FO C USE SAFETY FUNCTION	FREQ QID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
CRD-SV-121/2247	A610	HVA1709662A	A B	N 612	M528	C4	
.5"SOLENOID INSERT EXHAUST VALVE		R 522 K2/R.4	2 0	A,B1	324007 02C12	2	A
CRD-SV-121/2251	A610	HVA1709662A	A B	N 612	M528	C4	
.5"SOLENOID INSERT EXHAUST VALVE		R 522 K2/R.4	2 0	A,B1	324007 02C12	2	A
CRD-SV-121/2255	A610	HVA1709662A	A B	N 612	M528	C4	
.5"SOLENOID INSERT EXHAUST VALVE		R 522 K2/R.4	2 0	A,B1	324007 02C12	2	A
CRD-SV-121/2259	A610	HVA1709662A	A B	N 612	M528	C4	
.5"SOLENOID INSERT EXHAUST VALVE		R 522 K2/R.4	2 0	A,B1	324007 02C12	2	A
CRD-SV-121/2603	A610	HVA1709662A	A B	N 612	M528	C4	
.5"SOLENOID INSERT EXHAUST VALVE		R 522 L5/R.4	2 0	A,B1	324007 02C12	2	A
CRD-SV-121/2607	A610	HVA1709662A	A B	N 612	M528	C4	
.5"SOLENOID INSERT EXHAUST VALVE		R 522 L5/R.4	2 0	A,B1	324007 02C12	2	A
CRD-SV-121/2611	A610	HVA1709662A	A B	N 612	M528	C4	
.5"SOLENOID INSERT EXHAUST VALVE		R 522 L5/R.4	2 0	A,B1	324007 02C12	2	A
CRD-SV-121/2615	A610	HVA1709662A	A B	N 612	M528	C4	
.5"SOLENOID INSERT EXHAUST VALVE		R 522 L5/R.4	2 0	A,B1	324007 02C12	2	A
CRD-SV-121/2619	A610	HVA1709662A	A B	N 612	M528	C4	
.5"SOLENOID INSERT EXHAUST VALVE		R 522 L5/R.4	2 0	A,B1	324007 02C12	2	A
CRD-SV-121/2623	A610	HVA1709662A	A B	N 612	M528	C4	
.5"SOLENOID INSERT EXHAUST VALVE		R 522 L5/R.4	2 0	A,B1	324007 02C12	2	A
CRD-SV-121/2627	A610	HVA1709662A	A B	N 612	M528	C4	
.5"SOLENOID INSERT EXHAUST VALVE		R 522 L5/R.4	2 0	A,B1	324007 02C12	2	A
CRD-SV-121/2631	A610	HVA1709662A	A B	N 612	M528	C4	
.5"SOLENOID INSERT EXHAUST VALVE		R 522 L5/R.4	2 0	A,B1	324007 02C12	2	A
CRD-SV-121/2635	A610	HVA1709662A	A B	N 612	M528	C4	
.5"SOLENOID INSERT EXHAUST VALVE		R 522 K2/R.4	2 0	A,B1	324007 02C12	2	A
CRD-SV-121/2639	A610	HVA1709662A	A B	N 612	M528	C4	
.5"SOLENOID INSERT EXHAUST VALVE		R 522 K2/R.4	2 0	A,B1	324007 02C12	2	A
CRD-SV-121/2643	A610	HVA1709662A	A B	N 612	M528	C4	
.5"SOLENOID INSERT EXHAUST VALVE		R 522 K2/R.4	2 0	A,B1	324007 02C12	2	A
CRD-SV-121/2647	A610	HVA1709662A	A B	N 612	M528	C4	
.5"SOLENOID INSERT EXHAUST VALVE		R 522 K2/R.4	2 0	A,B1	324007 02C12	2	A
CRD-SV-121/2651	A610	HVA1709662A	A B	N 612	M528	C4	
.5"SOLENOID INSERT EXHAUST VALVE		R 522 K2/R.4	2 0	A,B1	324007 02C12	2	A
CRD-SV-121/2655	A610	HVA1709662A	A B	N 612	M528	C4	
.5"SOLENOID INSERT EXHAUST VALVE		R 522 K2/R.4	2 0	A,B1	324007 02C12	2	A

EPN	HFG DESCRIPTION	MODEL	BLDG ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***			FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TH	HL	TEST ANL FD C USE SAFETY FUNCTION			
CRD-SV-121/2659	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 K2/B.4		2 0	A,B1		324007	H528 02C12	C4 2 A
CRD-SV-121/3003	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/B.4		2 0	A,B1		324007	H528 02C12	C4 2 A
CRD-SV-121/3007	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/B.4		2 0	A,B1		324007	H528 02C12	C4 2 A
CRD-SV-121/3011	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/B.4		2 0	A,B1		324007	H528 02C12	C4 2 A
CRD-SV-121/3015	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/B.4		2 0	A,B1		324007	H528 02C12	C4 2 A
CRD-SV-121/3019	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/B.4		2 0	A,B1		324007	H528 02C12	C4 2 A
CRD-SV-121/3023	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/B.4		2 0	A,B1		324007	H528 02C12	C4 2 A
CRD-SV-121/3027	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/B.4		2 0	A,B1		324007	H528 02C12	C4 2 A
CRD-SV-121/3031	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 K2/B.4		2 0	A,B1		324007	H528 02C12	C4 2 A
CRD-SV-121/3035	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 K2/B.4		2 0	A,B1		324007	H528 02C12	C4 2 A
CRD-SV-121/3039	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 K2/B.4		2 0	A,B1		324007	H528 02C12	C4 2 A
CRD-SV-121/3043	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 K2/B.4		2 0	A,B1		324007	H528 02C12	C4 2 A
CRD-SV-121/3047	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 K2/B.4		2 0	A,B1		324007	H528 02C12	C4 2 A
CRD-SV-121/3051	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 K2/B.4		2 0	A,B1		324007	H528 02C12	C4 2 A
CRD-SV-121/3055	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 K2/B.4		2 0	A,B1		324007	H528 02C12	C4 2 A
CRD-SV-121/3059	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 K2/B.4		2 0	A,B1		324007	H528 02C12	C4 2 A
CRD-SV-121/3403	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/P.4		2 0	A,B1		324007	H528 02C12	C4 2 A
CRD-SV-121/3407	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/P.4		2 0	A,B1		324007	H528 02C12	C4 2 A

EPN	MFG	MODEL	STATUS S E	***SEISMIC (S) PARAMETERS***				FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
				TM	HL	TEST	ANL FO C			
DESCRIPTION				BLDG ELEV	DETAIL	USE	SAFETY FUNCTION	QID		
CRD-SV-121/3411	A610	HVA1709662A	A B			M	612			
.5"SOLENOID INSERT EXHAUST VALVE				R 522 L5/8.4		2 0	A,B1	324007	M528 02C12	C4 2 A
CRD-SV-121/3415	A610	HVA1709662A	A B			M	612			
.5"SOLENOID INSERT EXHAUST VALVE				R 522 L5/8.4		2 0	A,B1	324007	M528 02C12	C4 2 A
CRD-SV-121/3419	A610	HVA1709662A	A B			M	612			
.5"SOLENOID INSERT EXHAUST VALVE				R 522 L5/8.4		2 0	A,B1	324007	M528 02C12	C4 2 A
CRD-SV-121/3423	A610	HVA1709662A	A B			M	612			
.5"SOLENOID INSERT EXHAUST VALVE				R 522 L5/8.4		2 0	A,B1	324007	M528 02C12	C4 2 A
CRD-SV-121/3427	A610	HVA1709662A	A B			M	612			
.5"SOLENOID INSERT EXHAUST VALVE				R 522 L5/8.4		2 0	A,B1	324007	M528 02C12	C4 2 A
CRD-SV-121/3431	A610	HVA1709662A	A B			M	612			
.5"SOLENOID INSERT EXHAUST VALVE				R 522 K2/8.4		2 0	A,B1	324007	M528 02C12	C4 2 A
CRD-SV-121/3435	A610	HVA1709662A	A B			M	612			
.5"SOLENOID INSERT EXHAUST VALVE				R 522 K2/8.4		2 0	A,B1	324007	M528 02C12	C4 2 A
CRD-SV-121/3439	A610	HVA1709662A	A B			M	612			
.5"SOLENOID INSERT EXHAUST VALVE				R 522 K2/8.4		2 0	A,B1	324007	M528 02C12	C4 2 A
CRD-SV-121/3443	A610	HVA1709662A	A B			M	612			
.5"SOLENOID INSERT EXHAUST VALVE				R 522 K2/8.4		2 0	A,B1	324007	M528 02C12	C4 2 A
CRD-SV-121/3447	A610	HVA1709662A	A B			M	612			
.5"SOLENOID INSERT EXHAUST VALVE				R 522 K2/8.4		2 0	A,B1	324007	M528 02C12	C4 2 A
CRD-SV-121/3451	A610	HVA1709662A	A B			M	612			
.5"SOLENOID INSERT EXHAUST VALVE				R 522 K2/8.4		2 0	A,B1	324007	M528 02C12	C4 2 A
CRD-SV-121/3455	A610	HVA1709662A	A B			M	612			
.5"SOLENOID INSERT EXHAUST VALVE				R 522 K2/8.4		2 0	A,B1	324007	M528 02C12	C4 2 A
CRD-SV-121/3459	A610	HVA1709662A	A B			M	612			
.5"SOLENOID INSERT EXHAUST VALVE				R 522 K2/8.4		2 0	A,B1	324007	M528 02C12	C4 2 A
CRD-SV-121/3803	A610	HVA1709662A	A B			M	612			
.5"SOLENOID INSERT EXHAUST VALVE				R 522 L5/8.4		2 0	A,B1	324007	M528 02C12	C4 2 A
CRD-SV-121/3807	A610	HVA1709662A	A B			M	612			
.5"SOLENOID INSERT EXHAUST VALVE				R 522 L5/8.4		2 0	A,B1	324007	M528 02C12	C4 2 A
CRD-SV-121/3811	A610	HVA1709662A	A B			M	612			
.5"SOLENOID INSERT EXHAUST VALVE				R 522 L5/8.4		2 0	A,B1	324007	M528 02C12	C4 2 A
CRD-SV-121/3815	A610	HVA1709662A	A B			M	612			
.5"SOLENOID INSERT EXHAUST VALVE				R 522 L5/8.4		2 0	A,B1	324007	M528 02C12	C4 2 A
CRD-SV-121/3819	A610	HVA1709662A	A B			M	612			
.5"SOLENOID INSERT EXHAUST VALVE				R 522 L5/8.4		2 0	A,B1	324007	M528 02C12	C4 2 A

EPN	MFG DESCRIPTION	MODEL	BLOG ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***			A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					1H HL TEST ANL FO C USE SAFETY FUNCTION	FREQ QID			
CRD-SV-121/3823	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/R.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-121/3827	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/R.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-121/3831	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID INSERT EXHAUST VALVE			R 522 K2/R.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-121/3835	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID INSERT EXHAUST VALVE			R 522 K2/R.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-121/3839	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID INSERT EXHAUST VALVE			R 522 K2/R.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-121/3843	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID INSERT EXHAUST VALVE			R 522 K2/R.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-121/3847	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID INSERT EXHAUST VALVE			R 522 K2/R.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-121/3851	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID INSERT EXHAUST VALVE			R 522 K2/R.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-121/3855	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID INSERT EXHAUST VALVE			R 522 K2/R.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-121/3859	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID INSERT EXHAUST VALVE			R 522 K2/R.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-121/4203	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/R.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-121/4207	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/R.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-121/4211	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/R.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-121/4215	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/R.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-121/4219	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/R.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-121/4223	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/R.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-121/4227	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/R.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-121/4231	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID INSERT EXHAUST VALVE			R 522 K2/R.4		2 0 A,B1	324007	02C12	2	A

CPN	MFG	MODEL	STATUS S E	BLDG ELEV	DETAIL	***SEISMIC (S) PARAMETERS*** TM HL TEST ANL FO C FREQ USE SAFETY FUNCTION QID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
CRD-SV-121/4235	A610	HVA1709662A	A B		N 612		H528	C4
.5"SOLENOID INSERT EXHAUST VALVE		R 522 K2/R.4		2 0	A,B1	324007	02C12	2 A
CRD-SV-121/4239	A610	HVA1709662A	A B		N 612		H528	C4
.5"SOLENOID INSERT EXHAUST VALVE		R 522 K2/R.4		2 0	A,B1	324007	02C12	2 A
CRD-SV-121/4243	A610	HVA1709662A	A B		N 612		H528	C4
.5"SOLENOID INSERT EXHAUST VALVE		R 522 K2/R.4		2 0	A,B1	324007	02C12	2 A
CRD-SV-121/4247	A610	HVA1709662A	A B		N 612		H528	C4
.5"SOLENOID INSERT EXHAUST VALVE		R 522 K2/R.4		2 0	A,B1	324007	02C12	2 A
CRD-SV-121/4251	A610	HVA1709662A	A B		N 612		H528	C4
.5"SOLENOID INSERT EXHAUST VALVE		R 522 K2/R.4		2 0	A,B1	324007	02C12	2 A
CRD-SV-121/4255	A610	HVA1709662A	A B		N 612		H528	C4
.5"SOLENOID INSERT EXHAUST VALVE		R 522 K2/R.4		2 0	A,B1	324007	02C12	2 A
CRD-SV-121/4259	A610	HVA1709662A	A B		N 612		H528	C4
.5"SOLENOID INSERT EXHAUST VALVE		R 522 K2/R.4		2 0	A,B1	324007	02C12	2 A
CRD-SV-121/4607	A610	HVA1709662A	A B		N 612		H528	C4
.5"SOLENOID INSERT EXHAUST VALVE		R 522 L5/R.4		2 0	A,B1	324007	02C12	2 A
CRD-SV-121/4611	A610	HVA1709662A	A B		N 612		H528	C4
.5"SOLENOID INSERT EXHAUST VALVE		R 522 L5/R.4		2 0	A,B1	324007	02C12	2 A
CRD-SV-121/4615	A610	HVA1709662A	A B		N 612		H528	C4
.5"SOLENOID INSERT EXHAUST VALVE		R 522 L5/R.4		2 0	A,B1	324007	02C12	2 A
CRD-SV-121/4619	A610	HVA1709662A	A B		N 612		H528	C4
.5"SOLENOID INSERT EXHAUST VALVE		R 522 L5/R.4		2 0	A,B1	324007	02C12	2 A
CRD-SV-121/4623	A610	HVA1709662A	A B		N 612		H528	C4
.5"SOLENOID INSERT EXHAUST VALVE		R 522 L5/R.4		2 0	A,B1	324007	02C12	2 A
CRD-SV-121/4627	A610	HVA1709662A	A B		N 612		H528	C4
.5"SOLENOID INSERT EXHAUST VALVE		R 522 L5/R.4		2 0	A,B1	324007	02C12	2 A
CRD-SV-121/4631	A610	HVA1709662A	A B		N 612		H528	C4
.5"SOLENOID INSERT EXHAUST VALVE		R 522 K2/R.4		2 0	A,B1	324007	02C12	2 A
CRD-SV-121/4635	A610	HVA1709662A	A B		N 612		H528	C4
.5"SOLENOID INSERT EXHAUST VALVE		R 522 K2/R.4		2 0	A,B1	324007	02C12	2 A
CRD-SV-121/4639	A610	HVA1709662A	A B		N 612		H528	C4
.5"SOLENOID INSERT EXHAUST VALVE		R 522 K2/R.4		2 0	A,B1	324007	02C12	2 A
CRD-SV-121/4643	A610	HVA1709662A	A B		N 612		H528	C4
.5"SOLENOID INSERT EXHAUST VALVE		R 522 K2/R.4		2 0	A,B1	324007	02C12	2 A
CRD-SV-121/4647	A610	HVA1709662A	A B		N 612		H528	C4
.5"SOLENOID INSERT EXHAUST VALVE		R 522 K2/R.4		2 0	A,B1	324007	02C12	2 A

PROGRAM CIE-SQRT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00097
DATE 10/01/82

EPN	MFG DESCRIPTION	MODEL	BLDG ELEV	STATUS S E DETAIL	***SEISMIC IS) PARAMETERS***			FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TH	HL	TEST ANL FO C USE SAFETY FUNCTION			
CRD-SV-121/4651	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 K2/R.4		2 0	A,B1		324007	M528 02C12	C4 2 A
CRD-SV-121/4655	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 K2/R.4		2 0	A,B1		324007	M528 02C12	C4 2 A
CRD-SV-121/5011	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/R.4		2 0	A,B1		324007	M528 02C12	C4 2 A
CRD-SV-121/5015	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/R.4		2 0	A,B1		324007	M528 02C12	C4 2 A
CRD-SV-121/5019	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/R.4		2 0	A,B1		324007	M528 02C12	C4 2 A
CRD-SV-121/5023	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/R.4		2 0	A,B1		324007	M528 02C12	C4 2 A
CRD-SV-121/5027	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/R.4		2 0	A,B1		324007	M528 02C12	C4 2 A
CRD-SV-121/5031	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 K2/R.4		2 0	A,B1		324007	M528 02C12	C4 2 A
CRD-SV-121/5035	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 K2/R.4		2 0	A,B1		324007	M528 02C12	C4 2 A
CRD-SV-121/5039	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 K2/R.4		2 0	A,B1		324007	M528 02C12	C4 2 A
CRD-SV-121/5043	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 K2/R.4		2 0	A,B1		324007	M528 02C12	C4 2 A
CRD-SV-121/5047	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 K2/R.4		2 0	A,B1		324007	M528 02C12	C4 2 A
CRD-SV-121/5051	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 K2/R.4		2 0	A,B1		324007	M528 02C12	C4 2 A
CRD-SV-121/5415	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/R.4		2 0	A,B1		324007	M528 02C12	C4 2 A
CRD-SV-121/5419	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/R.4		2 0	A,B1		324007	M528 02C12	C4 2 A
CRD-SV-121/5423	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/R.4		2 0	A,B1		324007	M528 02C12	C4 2 A
CRD-SV-121/5427	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/R.4		2 0	A,B1		324007	M528 02C12	C4 2 A
CRD-SV-121/5431	A610	HVA1709662A		A B	N	612				
.5"SOLENOID INSERT EXHAUST VALVE			R 522 K2/R.4		2 0	A,B1		324007	M528 02C12	C4 2 A

EPN	MFG DESCRIPTION	MODEL	BLDG ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***			FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TM HL TEST ANL FO C	USE	SAFETY FUNCTION			
CRD-SV-121/5435	A610	HVA1709662A		A B	H	612		M528		C4
.5"SOLENOID INSERT EXHAUST VALVE			R 522 K2/R.4		2 0	A,B1		324007 02C12		2 A
CRD-SV-121/5439	A610	HVA1709662A		A B	H	612		M528		C4
.5"SOLENOID INSERT EXHAUST VALVE			R 522 K2/R.4		2 0	A,B1		324007 02C12		2 A
CRD-SV-121/5443	A610	HVA1709662A		A B	H	612		M528		C4
.5"SOLENOID INSERT EXHAUST VALVE			R 522 K2/R.4		2 0	A,B1		324007 02C12		2 A
CRD-SV-121/5447	A610	HVA1709662A		A B	H	612		M528		C4
.5"SOLENOID INSERT EXHAUST VALVE			R 522 K2/R.4		2 0	A,B1		324007 02C12		2 A
CRD-SV-121/5819	A610	HVA1709662A		A B	H	612		M528		C4
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/R.4		2 0	A,B1		324007 02C12		2 A
CRD-SV-121/5823	A610	HVA1709662A		A B	H	612		M528		C4
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/R.4		2 0	A,B1		324007 02C12		2 A
CRD-SV-121/5827	A610	HVA1709662A		A B	H	612		M528		C4
.5"SOLENOID INSERT EXHAUST VALVE			R 522 L5/R.4		2 0	A,B1		324007 02C12		2 A
CRD-SV-121/5831	A610	HVA1709662A		A B	H	612		M528		C4
.5"SOLENOID INSERT EXHAUST VALVE			R 522 K2/R.4		2 0	A,B1		324007 02C12		2 A
CRD-SV-121/5835	A610	HVA1709662A		A B	H	612		M528		C4
.5"SOLENOID INSERT EXHAUST VALVE			R 522 K2/R.4		2 0	A,B1		324007 02C12		2 A
CRD-SV-121/5839	A610	HVA1709662A		A B	H	612		M528		C4
.5"SOLENOID INSERT EXHAUST VALVE			R 522 K2/R.4		2 0	A,B1		324007 02C12		2 A
CRD-SV-121/5843	A610	HVA1709662A		A B	H	612		M528		C4
.5"SOLENOID INSERT EXHAUST VALVE			R 522 K2/R.4		2 0	A,B1		324007 02C12		2 A
CRD-SV-122/0219	A610	HVA1709662A		A B	H	612		M528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/R.4		2 0	A,B1		324007 02C12		2 A
CRD-SV-122/0223	A610	HVA1709662A		A B	H	612		M528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/R.4		2 0	A,B1		324007 02C12		2 A
CRD-SV-122/0227	A610	HVA1709662A		A B	H	612		M528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/R.4		2 0	A,B1		324007 02C12		2 A
CRD-SV-122/0231	A610	HVA1709662A		A B	H	612		M528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/R.4		2 0	A,B1		324007 02C12		2 A
CRD-SV-122/0235	A610	HVA1709662A		A B	H	612		M528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/R.4		2 0	A,B1		324007 02C12		2 A
CRD-SV-122/0239	A610	HVA1709662A		A B	H	612		M528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/R.4		2 0	A,B1		324007 02C12		2 A
CRD-SV-122/0243	A610	HVA1709662A		A B	H	612		M528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/R.4		2 0	A,B1		324007 02C12		2 A

PROGRAM CIE-SQRT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WHP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00099
DATE 10/01/82

EPN	MFG	MODEL	STATUS	***SEISMIC (S) PARAMETERS***	FREQ	A/E DRAWING	A/E ZONE
DESCRIPTION		BLOG ELEV	S E DETAIL	TM HL TEST ANL FO C USE SAFETY FUNCTION QID		CONTRACT	LEVEL EC
CRD-SV-122/0615	A610	HVA1709662A	A B	N 612		M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 L5/8.4		2 0 A,B1	324007	02C12	2 A
CRD-SV-122/0619	A610	HVA1709662A	A B	N 612		M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 L5/8.4		2 0 A,B1	324007	02C12	2 A
CRD-SV-122/0623	A610	HVA1709662A	A B	N 612		M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 L5/8.4		2 0 A,B1	324007	02C12	2 A
CRD-SV-122/0627	A610	HVA1709662A	A B	N 612		M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 L5/8.4		2 0 A,B1	324007	02C12	2 A
CRD-SV-122/0631	A610	HVA1709662A	A B	N 612		M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 L5/8.4		2 0 A,B1	324007	02C12	2 A
CRD-SV-122/0635	A610	HVA1709662A	A B	N 612		M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 K2/8.4		2 0 A,B1	324007	02C12	2 A
CRD-SV-122/0639	A610	HVA1709662A	A B	N 612		M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 K2/8.4		2 0 A,B1	324007	02C12	2 A
CRD-SV-122/0643	A610	HVA1709662A	A B	N 612		M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 K2/8.4		2 0 A,B1	324007	02C12	2 A
CRD-SV-122/0647	A610	HVA1709662A	A B	N 612		M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 K2/8.4		2 0 A,B1	324007	02C12	2 A
CRD-SV-122/1011	A610	HVA1709662A	A B	N 612		M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 L5/8.4		2 0 A,B1	324007	02C12	2 A
CRD-SV-122/1015	A610	HVA1709662A	A B	N 612		M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 L5/8.4		2 0 A,B1	324007	02C12	2 A
CRD-SV-122/1019	A610	HVA1709662A	A B	N 612		M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 L5/8.4		2 0 A,B1	324007	02C12	2 A
CRD-SV-122/1023	A610	HVA1709662A	A B	N 612		M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 L5/8.4		2 0 A,B1	324007	02C12	2 A
CRD-SV-122/1027	A610	HVA1709662A	A B	N 612		M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 L5/8.4		2 0 A,B1	324007	02C12	2 A
CRD-SV-122/1031	A610	HVA1709662A	A B	N 612		M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 L5/8.4		2 0 A,B1	324007	02C12	2 A
CRD-SV-122/1035	A610	HVA1709662A	A B	N 612		M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 K2/8.4		2 0 A,B1	324007	02C12	2 A
CRD-SV-122/1039	A610	HVA1709662A	A B	N 612		M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 K2/8.4		2 0 A,B1	324007	02C12	2 A
CRD-SV-122/1043	A610	HVA1709662A	A B	N 612		M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 K2/8.4		2 0 A,B1	324007	02C12	2 A

EPN	MFG DESCRIPTION	MODEL	BLDG ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***			A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TH HL TEST ANL FO C USE SAFETY FUNCTION	FREQ	QID		
CRD-SV-122/1047	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/B.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-122/1051	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/B.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-122/1407	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/B.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-122/1411	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/B.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-122/1415	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/B.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-122/1419	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/B.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-122/1423	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/B.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-122/1427	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/B.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-122/1431	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/B.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-122/1435	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/B.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-122/1439	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/B.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-122/1443	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/B.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-122/1447	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/B.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-122/1451	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/B.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-122/1455	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/B.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-122/1803	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/B.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-122/1807	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/B.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-122/1811	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/B.4		2 0 A,B1	324007	02C12	2	A

EPN	MFG DESCRIPTION	MODEL	BLDG ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***			FREQ QID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TM	HL	TEST ANL FO C USE SAFETY FUNCTION			
CRD-SV-122/1815	A610	HVA1709662A		A B	N	612			M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/R.4		2 0	A,B1		324007	02C12	2 A
CRD-SV-122/1819	A610	HVA1709662A		A B	N	612			M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/R.4		2 0	A,B1		324007	02C12	2 A
CRD-SV-122/1823	A610	HVA1709662A		A B	N	612			M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/R.4		2 0	A,B1		324007	02C12	2 A
CRD-SV-122/1827	A610	HVA1709662A		A B	N	612			M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/R.4		2 0	A,B1		324007	02C12	2 A
CRD-SV-122/1831	A610	HVA1709662A		A B	N	612			M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/R.4		2 0	A,B1		324007	02C12	2 A
CRD-SV-122/1835	A610	HVA1709662A		A B	N	612			M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/R.4		2 0	A,B1		324007	02C12	2 A
CRD-SV-122/1839	A610	HVA1709662A		A B	N	612			M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/R.4		2 0	A,B1		324007	02C12	2 A
CRD-SV-122/1843	A610	HVA1709662A		A B	N	612			M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/R.4		2 0	A,B1		324007	02C12	2 A
CRD-SV-122/1847	A610	HVA1709662A		A B	N	612			M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/R.4		2 0	A,B1		324007	02C12	2 A
CRD-SV-122/1851	A610	HVA1709662A		A B	N	612			M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/R.4		2 0	A,B1		324007	02C12	2 A
CRD-SV-122/1855	A610	HVA1709662A		A B	N	612			M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/R.4		2 0	A,B1		324007	02C12	2 A
CRD-SV-122/1859	A610	HVA1709662A		A B	N	612			M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/R.4		2 0	A,B1		324007	02C12	2 A
CRD-SV-122/2203	A610	HVA1709662A		A B	N	612			M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/R.4		2 0	A,B1		324007	02C12	2 A
CRD-SV-122/2207	A610	HVA1709662A		A B	N	612			M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/R.4		2 0	A,B1		324007	02C12	2 A
CRD-SV-122/2211	A610	HVA1709662A		A B	N	612			M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/R.4		2 0	A,B1		324007	02C12	2 A
CRD-SV-122/2215	A610	HVA1709662A		A B	N	612			M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/R.4		2 0	A,B1		324007	02C12	2 A
CRD-SV-122/2219	A610	HVA1709662A		A B	N	612			M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/R.4		2 0	A,B1		324007	02C12	2 A
CRD-SV-122/2223	A610	HVA1709662A		A B	N	612			M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/R.4		2 0	A,B1		324007	02C12	2 A

EPN	MFG DESCRIPTION	MODEL	BLOG ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***			A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TM HL TEST ANL FO C USE SAFETY FUNCTION	FREQ QID			
CRD-SV-122/2227	A610	HVA1709662A		A B	N 612		H528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/8.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-122/2231	A610	HVA1709662A		A B	N 612		H528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/8.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-122/2235	A610	HVA1709662A		A B	N 612		H528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/8.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-122/2239	A610	HVA1709662A		A B	N 612		H528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/8.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-122/2243	A610	HVA1709662A		A B	N 612		H528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/8.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-122/2247	A610	HVA1709662A		A B	N 612		H528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/8.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-122/2251	A610	HVA1709662A		A B	N 612		H528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/8.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-122/2255	A610	HVA1709662A		A B	N 612		H528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/8.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-122/2259	A610	HVA1709662A		A B	N 612		H528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/8.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-122/2603	A610	HVA1709662A		A B	N 612		H528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/8.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-122/2607	A610	HVA1709662A		A B	N 612		H528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/8.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-122/2611	A610	HVA1709662A		A B	N 612		H528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/8.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-122/2615	A610	HVA1709662A		A B	N 612		H528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/8.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-122/2619	A610	HVA1709662A		A B	N 612		H528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/8.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-122/2623	A610	HVA1709662A		A B	N 612		H528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/8.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-122/2627	A610	HVA1709662A		A B	N 612		H528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/8.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-122/2631	A610	HVA1709662A		A B	N 612		H528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/8.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-122/2635	A610	HVA1709662A		A B	N 612		H528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/P.4		2 0 A,B1	324007	02C12	2	A

EPN	HFG DESCRIPTION	MODEL	BLOC ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***		FREQ OID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TM ILL TEST ANL FO C USE SAFETY FUNCTION				
CRD-SV-122/2639	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/8.4	2 0	A,B1	324007	02C12	2	A
CRD-SV-122/2643	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/8.4	2 0	A,B1	324007	02C12	2	A
CRD-SV-122/2647	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/8.4	2 0	A,B1	324007	02C12	2	A
CRD-SV-122/2651	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/8.4	2 0	A,B1	324007	02C12	2	A
CRD-SV-122/2655	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/8.4	2 0	A,B1	324007	02C12	2	A
CRD-SV-122/2659	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/8.4	2 0	A,B1	324007	02C12	2	A
CRD-SV-122/3003	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/8.4	2 0	A,B1	324007	02C12	2	A
CRD-SV-122/3007	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/8.4	2 0	A,B1	324007	02C12	2	A
CRD-SV-122/3011	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/8.4	2 0	A,B1	324007	02C12	2	A
CRD-SV-122/3015	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/8.4	2 0	A,B1	324007	02C12	2	A
CRD-SV-122/3019	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/8.4	2 0	A,B1	324007	02C12	2	A
CRD-SV-122/3023	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/8.4	2 0	A,B1	324007	02C12	2	A
CRD-SV-122/3027	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/8.4	2 0	A,B1	324007	02C12	2	A
CRD-SV-122/3031	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/8.4	2 0	A,B1	324007	02C12	2	A
CRD-SV-122/3035	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/8.4	2 0	A,B1	324007	02C12	2	A
CRD-SV-122/3039	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/8.4	2 0	A,B1	324007	02C12	2	A
CRD-SV-122/3043	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/8.4	2 0	A,B1	324007	02C12	2	A
CRD-SV-122/3047	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/8.4	2 0	A,B1	324007	02C12	2	A

PROGRAM C1E-SQRT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00104
DATE 10/01/02

EPN	MFG	MODEL	STATUS S E	***SEISMIC (S) PARAMETERS***				FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
				TH	HL	TEST	ANL FO C			
DESCRIPTION		BLOG ELEV	DETAIL	USE	SAFETY	FUNCTION	QID			
CRD-SV-122/3051	A610	HVA1709662A	A B	N	612			M528	C4	
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 K2/R.4		2 0	A,B1		324007	02C12	2	A
CRD-SV-122/3055	A610	HVA1709662A	A B	N	612			M528	C4	
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 K2/R.4		2 0	A,B1		324007	02C12	2	A
CRD-SV-122/3059	A610	HVA1709662A	A B	N	612			M528	C4	
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 K2/R.4		2 0	A,B1		324007	02C12	2	A
CRD-SV-122/3103	A610	HVA1709662A	A B	N	612			M528	C4	
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 L5/R.4		2 0	A,B1		324007	02C12	2	A
CRD-SV-122/3107	A610	HVA1709662A	A B	N	612			M528	C4	
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 L5/R.4		2 0	A,B1		324007	02C12	2	A
CRD-SV-122/3111	A610	HVA1709662A	A B	N	612			M528	C4	
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 L5/R.4		2 0	A,B1		324007	02C12	2	A
CRD-SV-122/3115	A610	HVA1709662A	A B	N	612			M528	C4	
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 L5/R.4		2 0	A,B1		324007	02C12	2	A
CRD-SV-122/3119	A610	HVA1709662A	A B	N	612			M528	C4	
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 L5/R.4		2 0	A,B1		324007	02C12	2	A
CRD-SV-122/3123	A610	HVA1709662A	A B	N	612			M528	C4	
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 L5/R.4		2 0	A,B1		324007	02C12	2	A
CRD-SV-122/3127	A610	HVA1709662A	A B	N	612			M528	C4	
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 L5/R.4		2 0	A,B1		324007	02C12	2	A
CRD-SV-122/3131	A610	HVA1709662A	A B	N	612			M528	C4	
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 K2/R.4		2 0	A,B1		324007	02C12	2	A
CRD-SV-122/3135	A610	HVA1709662A	A B	N	612			M528	C4	
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 K2/R.4		2 0	A,B1		324007	02C12	2	A
CRD-SV-122/3139	A610	HVA1709662A	A B	N	612			M528	C4	
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 K2/R.4		2 0	A,B1		324007	02C12	2	A
CRD-SV-122/3143	A610	HVA1709662A	A B	N	612			M528	C4	
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 K2/R.4		2 0	A,B1		324007	02C12	2	A
CRD-SV-122/3147	A610	HVA1709662A	A B	N	612			M528	C4	
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 K2/R.4		2 0	A,B1		324007	02C12	2	A
CRD-SV-122/3151	A610	HVA1709662A	A B	N	612			M528	C4	
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 K2/R.4		2 0	A,B1		324007	02C12	2	A
CRD-SV-122/3155	A610	HVA1709662A	A B	N	612			M528	C4	
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 K2/R.4		2 0	A,B1		324007	02C12	2	A
CRD-SV-122/3159	A610	HVA1709662A	A B	N	612			M528	C4	
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 K2/R.4		2 0	A,B1		324007	02C12	2	A

PROGRAM CIE-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
UNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00105
DATE 10/01/82

EPN	MFG DESCRIPTION	MODEL	BLOG ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***				FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TH	HL	TEST	AHL FO C			
					USE	SAFETY FUNCTION	QID				
CRD-SV-122/3803	A610	HVA1709662A		A B	N	612					
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/B.4		2 0	A,B1		324007	H528 02C12	C4 2	A
CRD-SV-122/3807	A610	HVA1709662A		A B	N	612					
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/B.4		2 0	A,B1		324007	H528 02C12	C4 2	A
CRD-SV-122/3811	A610	HVA1709662A		A B	N	612					
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/A.4		2 0	A,B1		324007	H528 02C12	C4 2	A
CRD-SV-122/3815	A610	HVA1709662A		A B	N	612					
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/B.4		2 0	A,B1		324007	H528 02C12	C4 2	A
CRD-SV-122/3819	A610	HVA1709662A		A B	N	612					
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/B.4		2 0	A,B1		324007	H528 02C12	C4 2	A
CRD-SV-122/3823	A610	HVA1709662A		A B	N	612					
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/B.4		2 0	A,B1		324007	H528 02C12	C4 2	A
CRD-SV-122/3827	A610	HVA1709662A		A B	N	612					
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/B.4		2 0	A,B1		324007	H528 02C12	C4 2	A
CRD-SV-122/3831	A610	HVA1709662A		A B	N	612					
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/B.4		2 0	A,B1		324007	H528 02C12	C4 2	A
CRD-SV-122/3835	A610	HVA1709662A		A B	N	612					
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/B.4		2 0	A,B1		324007	H528 02C12	C4 2	A
CRD-SV-122/3839	A610	HVA1709662A		A B	N	612					
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/B.4		2 0	A,B1		324007	H528 02C12	C4 2	A
CRD-SV-122/3843	A610	HVA1709662A		A B	N	612					
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/B.4		2 0	A,B1		324007	H528 02C12	C4 2	A
CRD-SV-122/3847	A610	HVA1709662A		A B	N	612					
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/B.4		2 0	A,B1		324007	H528 02C12	C4 2	A
CRD-SV-122/3851	A610	HVA1709662A		A B	N	612					
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/B.4		2 0	A,B1		324007	H528 02C12	C4 2	A
CRD-SV-122/3855	A610	HVA1709662A		A B	N	612					
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/B.4		2 0	A,B1		324007	H528 02C12	C4 2	A
CRD-SV-122/3859	A610	HVA1709662A		A B	N	612					
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/B.4		2 0	A,B1		324007	H528 02C12	C4 2	A
CRD-SV-122/4203	A610	HVA1709662A		A B	N	612					
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/B.4		2 0	A,B1		324007	H528 02C12	C4 2	A
CRD-SV-122/4207	A610	HVA1709662A		A B	N	612					
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/P.4		2 0	A,B1		324007	H528 02C12	C4 2	A
CPD-SV-122/4211	A610	HVA1709662A		A B	N	612					
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/B.4		2 0	A,B1		324007	H528 02C12	C4 2	A

EPN	MFG	MODEL	STATUS S E	***SEISMIC (S) PARAMETERS*** TM HL TEST ANL FO C	FREQ	A/E DRAWING	A/E ZONE
DESCRIPTION		BLDG. ELEV.	DETAIL	USE SAFETY FUNCTION	QID	CONTRACT	LEVEL EC
CRD-SV-122/4215	A610	HVA1709662A	A B	N 612		M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 L5/R.4		2 0 A,B1	324007	02C12	2 A
CRD-SV-122/4219	A610	HVA1709662A	A B	N 612		M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 L5/R.4		2 0 A,B1	324007	02C12	2 A
CRD-SV-122/4223	A610	HVA1709662A	A B	N 612		M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 L5/R.4		2 0 A,B1	324007	02C12	2 A
CRD-SV-122/4227	A610	HVA1709662A	A B	N 612		M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 L5/R.4		2 0 A,B1	324007	02C12	2 A
CRD-SV-122/4231	A610	HVA1709662A	A B	N 612		M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 K2/R.4		2 0 A,B1	324007	02C12	2 A
CRD-SV-122/4235	A610	HVA1709662A	A B	N 612		M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 K2/R.4		2 0 A,B1	324007	02C12	2 A
CRD-SV-122/4239	A610	HVA1709662A	A B	N 612		M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 K2/R.4		2 0 A,B1	324007	02C12	2 A
CRD-SV-122/4243	A610	HVA1709662A	A B	N 612		M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 K2/R.4		2 0 A,B1	324007	02C12	2 A
CRD-SV-122/4247	A610	HVA1709662A	A B	N 612		M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 K2/R.4		2 0 A,B1	324007	02C12	2 A
CRD-SV-122/4251	A610	HVA1709662A	A B	N 612		M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 K2/R.4		2 0 A,B1	324007	02C12	2 A
CRD-SV-122/4255	A610	HVA1709662A	A B	N 612		M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 K2/R.4		2 0 A,B1	324007	02C12	2 A
CRD-SV-122/4259	A610	HVA1709662A	A B	N 612		M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 K2/R.4		2 0 A,B1	324007	02C12	2 A
CRD-SV-122/4607	A610	HVA1709662A	A B	N 612		M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 L5/R.4		2 0 A,B1	324007	02C12	2 A
CRD-SV-122/4611	A610	HVA1709662A	A B	N 612		M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 L5/R.4		2 0 A,B1	324007	02C12	2 A
CRD-SV-122/4615	A610	HVA1709662A	A B	N 612		M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 L5/R.4		2 0 A,B1	324007	02C12	2 A
CRD-SV-122/4619	A610	HVA1709662A	A B	N 612		M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 L5/P.4		2 0 A,B1	324007	02C12	2 A
CRD-SV-122/4623	A610	HVA1709662A	A B	N 612		M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 L5/P.4		2 0 A,B1	324007	02C12	2 A
CRD-SV-122/4627	A610	HVA1709662A	A B	N 612		M528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE		R 522 L5/P.4		2 0 A,B1	324007	02C12	2 A

EPN	MFG DESCRIPTION	MODEL	STATUS		***SEISMIC (S) PARAMETERS***			A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
			BLOG FLEV	S E DETAIL	TH HL TEST ANL FD C USE SAFETY FUNCTION	FREQ	QID		
CRD-SV-122/4631	A610	HVA1709662A	A.B	N	612		M528	C4	
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/R.4	2 0	A,B1	324007	02C12	2	A
CRD-SV-122/4635	A610	HVA1709662A	A.B	N	612		M528	C4	
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/R.4	2 0	A,B1	324007	02C12	2	A
CRD-SV-122/4639	A610	HVA1709662A	A.B	N	612		M528	C4	
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/R.4	2 0	A,B1	324007	02C12	2	A
CRD-SV-122/4643	A610	HVA1709662A	A.B	N	612		M528	C4	
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/R.4	2 0	A,B1	324007	02C12	2	A
CRD-SV-122/4647	A610	HVA1709662A	A.B	N	612		M528	C4	
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/R.4	2 0	A,B1	324007	02C12	2	A
CRD-SV-122/4651	A610	HVA1709662A	A.B	N	612		M528	C4	
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/R.4	2 0	A,B1	324007	02C12	2	A
CRD-SV-122/4655	A610	HVA1709662A	A.B	N	612		M528	C4	
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/R.4	2 0	A,B1	324007	02C12	2	A
CRD-SV-122/5011	A610	HVA1709662A	A.B	N	612		M528	C4	
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/R.4	2 0	A,B1	324007	02C12	2	A
CRD-SV-122/5015	A610	HVA1709662A	A.B	N	612		M528	C4	
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/R.4	2 0	A,B1	324007	02C12	2	A
CRD-SV-122/5019	A610	HVA1709662A	A.B	N	612		M528	C4	
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/R.4	2 0	A,B1	324007	02C12	2	A
CRD-SV-122/5023	A610	HVA1709662A	A.B	N	612		M528	C4	
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/R.4	2 0	A,B1	324007	02C12	2	A
CRD-SV-122/5027	A610	HVA1709662A	A.B	N	612		M528	C4	
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/R.4	2 0	A,B1	324007	02C12	2	A
CRD-SV-122/5035	A610	HVA1709662A	A.B	N	612		M528	C4	
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/R.4	2 0	A,B1	324007	02C12	2	A
CRD-SV-122/5039	A610	HVA1709662A	A.B	N	612		M528	C4	
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/R.4	2 0	A,B1	324007	02C12	2	A
CRD-SV-122/5043	A610	HVA1709662A	A.B	N	612		M528	C4	
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/R.4	2 0	A,B1	324007	02C12	2	A
CRD-SV-122/5047	A610	HVA1709662A	A.B	N	612		M528	C4	
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/R.4	2 0	A,B1	324007	02C12	2	A
CRD-SV-122/5051	A610	HVA1709662A	A.B	N	612		M528	C4	
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/R.4	2 0	A,B1	324007	02C12	2	A
CRD-SV-122/5415	A610	HVA1709662A	A.B	N	612		M528	C4	
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/R.4	2 0	A,B1	324007	02C12	2	A

EPN	MFG	MODEL	BLOG ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***				FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TM	HL	TEST	AHL	FO		
	DESCRIPTION				USE	SAFETY	FUNCTION		RID		
CRD-SV-122/5419	A610	HVA1709662A		A B	N	612				H528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/R.4		2 0	A,B1			324007	02C12	2 A
CRD-SV-122/5423	A610	HVA1709662A		A B	N	612				H528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/R.4		2 0	A,B1			324007	02C12	2 A
CRD-SV-122/5427	A610	HVA1709662A		A B	N	612				H528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/R.4		2 0	A,B1			324007	02C12	2 A
CRD-SV-122/5431	A610	HVA1709662A		A B	N	612				H528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/R.4		2 0	A,B1			324007	02C12	2 A
CRD-SV-122/5435	A610	HVA1709662A		A B	N	612				H528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/R.4		2 0	A,B1			324007	02C12	2 A
CRD-SV-122/5439	A610	HVA1709662A		A B	N	612				H528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/R.4		2 0	A,B1			324007	02C12	2 A
CRD-SV-122/5443	A610	HVA1709662A		A B	N	612				H528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/R.4		2 0	A,B1			324007	02C12	2 A
CRD-SV-122/5447	A610	HVA1709662A		A B	N	612				H528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/R.4		2 0	A,B1			324007	02C12	2 A
CRD-SV-122/5819	A610	HVA1709662A		A B	N	612				H528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/R.4		2 0	A,B1			324007	02C12	2 A
CRD-SV-122/5823	A610	HVA1709662A		A B	N	612				H528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/R.4		2 0	A,B1			324007	02C12	2 A
CRD-SV-122/5827	A610	HVA1709662A		A B	N	612				H528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 L5/R.4		2 0	A,B1			324007	02C12	2 A
CRD-SV-122/5831	A610	HVA1709662A		A B	N	612				H528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/R.4		2 0	A,B1			324007	02C12	2 A
CRD-SV-122/5835	A610	HVA1709662A		A B	N	612				H528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/R.4		2 0	A,B1			324007	02C12	2 A
CRD-SV-122/5839	A610	HVA1709662A		A B	N	612				H528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/R.4		2 0	A,B1			324007	02C12	2 A
CRD-SV-122/5843	A610	HVA1709662A		A B	N	612				H528	C4
.5"SOLENOID WITHDRAW DRIVE VALVE			R 522 K2/R.4		2 0	A,B1			324007	02C12	2 A
CRD-SV-123/0219	A610	HVA1709662A		A B	N	612				H528	C4
.5"SOLENOID INSERT DRIVE VALVE			R 522 L5/R.4		2 0	A,B1			324007	02C12	2 A
CRD-SV-123/0223	A610	HVA1709662A		A B	N	612				H528	C4
.5"SOLENOID INSERT DRIVE VALVE			R 522 L5/R.4		2 0	A,B1			324007	02C12	2 A
CRD-SV-123/0227	A610	HVA1709662A		A B	N	612				H528	C4
.5"SOLENOID INSERT DRIVE VALVE			R 522 L5/R.4		2 0	A,B1			324007	02C12	2 A

EPH	MFG	MODEL	STATUS S E	***SEISMIC (S) PARAMETERS*** TH HL TEST ANL FO C FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
DESCRIPTION		DLRG ELEV	DETAIL	USE SAFETY FUNCTION		
CRD-SV-123/0231	A610	HVA1709662A	A B	N 612	M528	CA
.5"SOLENOID INSERT DRIVE VALVE		R 522 L5/8.4		2 0 A,B1	324007 02C12	2 A
CRD-SV-123/0235	A610	HVA1709662A	A B	N 612	M528	CA
.5"SOLENOID INSERT DRIVE VALVE		R 522 K2/8.4		2 0 A,B1	324007 02C12	2 A
CRD-SV-123/0239	A610	HVA1709662A	A B	N 612	M528	CA
.5"SOLENOID INSERT DRIVE VALVE		R 522 K2/8.4		2 0 A,B1	324007 02C12	2 A
CRD-SV-123/0243	A610	HVA1709662A	A B	N 612	M528	CA
.5"SOLENOID INSERT DRIVE VALVE		R 522 K2/8.4		2 0 A,B1	324007 02C12	2 A
CRD-SV-123/0615	A610	HVA1709662A	A B	N 612	M528	CA
.5"SOLENOID INSERT DRIVE VALVE		R 522 L5/8.4		2 0 A,B1	324007 02C12	2 A
CRD-SV-123/0619	A610	HVA1709662A	A B	N 612	M528	CA
.5"SOLENOID INSERT DRIVE VALVE		R 522 L5/8.4		2 0 A,B1	324007 02C12	2 A
CRD-SV-123/0623	A610	HVA1709662A	A B	N 612	M528	CA
.5"SOLENOID INSERT DRIVE VALVE		R 522 L5/8.4		2 0 A,B1	324007 02C12	2 A
CRD-SV-123/0627	A610	HVA1709662A	A B	N 612	M528	CA
.5"SOLENOID INSERT DRIVE VALVE		R 522 L5/8.4		2 0 A,B1	324007 02C12	2 A
CRD-SV-123/0631	A610	HVA1709662A	A B	N 612	M528	CA
.5"SOLENOID INSERT DRIVE VALVE		R 522 L5/8.4		2 0 A,B1	324007 02C12	2 A
CRD-SV-123/0635	A610	HVA1709662A	A B	N 612	M528	CA
.5"SOLENOID INSERT DRIVE VALVE		R 522 K2/8.4		2 0 A,B1	324007 02C12	2 A
CRD-SV-123/0639	A610	HVA1709662A	A B	N 612	M528	CA
.5"SOLENOID INSERT DRIVE VALVE		R 522 K2/8.4		2 0 A,B1	324007 02C12	2 A
CRD-SV-123/0643	A610	HVA1709662A	A B	N 612	M528	CA
.5"SOLENOID INSERT DRIVE VALVE		R 522 K2/8.4		2 0 A,B1	324007 02C12	2 A
CRD-SV-123/0647	A610	HVA1709662A	A B	N 612	M528	CA
.5"SOLENOID INSERT DRIVE VALVE		R 522 K2/8.4		2 0 A,B1	324007 02C12	2 A
CRD-SV-123/1011	A610	HVA1709662A	A B	N 612	M528	CA
.5"SOLENOID INSERT DRIVE VALVE		R 522 L5/8.4		2 0 A,B1	324007 02C12	2 A
CRD-SV-123/1015	A610	HVA1709662A	A B	N 612	M528	CA
.5"SOLENOID INSERT DRIVE VALVE		R 522 L5/8.4		2 0 A,B1	324007 02C12	2 A
CRD-SV-123/1019	A610	HVA1709662A	A B	N 612	M528	CA
.5"SOLENOID INSERT DRIVE VALVE		R 522 L5/8.4		2 0 A,B1	324007 02C12	2 A
CRD-SV-123/1023	A610	HVA1709662A	A B	N 612	M528	CA
.5"SOLENOID INSERT DRIVE VALVE		R 522 L5/8.4		2 0 A,B1	324007 02C12	2 A
CRD-SV-123/1027	A610	HVA1709662A	A B	N 612	M528	CA
.5"SOLENOID INSERT DRIVE VALVE		R 522 L5/8.4		2 0 A,B1	324007 02C12	2 A

EPN	MFG	MODEL	STATUS S E	BLOG ELEV	***SEISMIC (S) PARAMETERS***				FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TH	HL	TEST	ANL FO C			
DESCRIPTION			DETAIL		USE		SAFETY	FUNCTION	OID		
CRD-SV-123/1031	A610	HVA1709662A	A.B		N	612					
.5"SOLENOID INSERT DRIVE VALVE			R 522 L5/8.4		2 0	A,B1			324007	H528 02C12	C4 A
CRD-SV-123/1035	A610	HVA1709662A	A.B		N	612					
.5"SOLENOID INSERT DRIVE VALVE			R 522 K2/8.4		2 0	A,B1			324007	H528 02C12	C4 A
CRD-SV-123/1039	A610	HVA1709662A	A.B		N	612					
.5"SOLENOID INSERT DRIVE VALVE			R 522 K2/8.4		2 0	A,B1			324007	H528 02C12	C4 A
CRD-SV-123/1043	A610	HVA1709662A	A.B		N	612					
.5"SOLENOID INSERT DRIVE VALVE			R 522 K2/8.4		2 0	A,B1			324007	H528 02C12	C4 A
CRD-SV-123/1047	A610	HVA1709662A	A.B		N	612					
.5"SOLENOID INSERT DRIVE VALVE			R 522 K2/8.4		2 0	A,B1			324007	H528 02C12	C4 A
CRD-SV-123/1051	A610	HVA1709662A	A.B		N	612					
.5"SOLENOID INSERT DRIVE VALVE			R 522 K2/8.4		2 0	A,B1			324007	H528 02C12	C4 A
CRD-SV-123/1407	A610	HVA1709662A	A.B		N	612					
.5"SOLENOID INSERT DRIVE VALVE			R 522 L5/8.4		2 0	A,B1			324007	H528 02C12	C4 A
CRD-SV-123/1415	A610	HVA1709662A	A.D		N	612					
.5"SOLENOID INSERT DRIVE VALVE			R 522 L5/8.4		2 0	A,B1			324007	H528 02C12	C4 A
CRD-SV-123/1419	A610	HVA1709662A	A.B		N	612					
.5"SOLENOID INSERT DRIVE VALVE			R 522 L5/8.4		2 0	A,B1			324007	H528 02C12	C4 A
CRD-SV-123/1423	A610	HVA1709662A	A.D		N	612					
.5"SOLENOID INSERT DRIVE VALVE			R 522 L5/8.4		2 0	A,B1			324007	H528 02C12	C4 A
CRD-SV-123/1427	A610	HVA1709662A	A.B		N	612					
.5"SOLENOID INSERT DRIVE VALVE			R 522 L5/8.4		2 0	A,B1			324007	H528 02C12	C4 A
CRD-SV-123/1431	A610	HVA1709662A	A.B		N	612					
.5"SOLENOID INSERT DRIVE VALVE			R 522 L5/8.4		2 0	A,B1			324007	H528 02C12	C4 A
CRD-SV-123/1435	A610	HVA1709662A	A.B		N	612					
.5"SOLENOID INSERT DRIVE VALVE			R 522 K2/8.4		2 0	A,B1			324007	H528 02C12	C4 A
CRD-SV-123/1439	A610	HVA1709662A	A.B		N	612					
.5"SOLENOID INSERT DRIVE VALVE			R 522 K2/8.4		2 0	A,B1			324007	H528 02C12	C4 A
CRD-SV-123/1443	A610	HVA1709662A	A.B		N	612					
.5"SOLENOID INSERT DRIVE VALVE			R 522 K2/8.4		2 0	A,B1			324007	H528 02C12	C4 A
CRD-SV-123/1447	A610	HVA1709662A	A.D		N	612					
.5"SOLENOID INSERT DRIVE VALVE			R 522 K2/8.4		2 0	A,B1			324007	H528 02C12	C4 A
CRD-SV-123/1451	A610	HVA1709662A	A.D		N	612					
.5"SOLENOID INSERT DRIVE VALVE			R 522 K2/8.4		2 0	A,B1			324007	H528 02C12	C4 A
CRD-SV-123/1455	A610	HVA1709662A	A.D		N	612					
.5"SOLENOID INSERT DRIVE VALVE			R 522 K2/8.4		2 0	A,B1			324007	H528 02C12	C4 A

EPN	MFG DESCRIPTION	MODEL	BLDG ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***		FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					1M HL TEST ANL FO C USE SAFETY FUNCTION	910			
CRD-SV-123/1803	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID INSERT DRIVE VALVE			R 522 L5/R.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-123/1807	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID INSERT DRIVE VALVE			R 522 L5/R.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-123/1811	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID INSERT DRIVE VALVE			R 522 L5/R.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-123/1815	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID INSERT DRIVE VALVE			R 522 L5/R.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-123/1819	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID INSERT DRIVE VALVE			R 522 L5/R.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-123/1823	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID INSERT DRIVE VALVE			R 522 L5/R.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-123/1827	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID INSERT DRIVE VALVE			R 522 L5/R.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-123/1831	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID INSERT DRIVE VALVE			R 522 L5/R.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-123/1835	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID INSERT DRIVE VALVE			R 522 K2/R.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-123/1839	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID INSERT DRIVE VALVE			R 522 K2/R.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-123/1843	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID INSERT DRIVE VALVE			R 522 K2/R.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-123/1847	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID INSERT DRIVE VALVE			R 522 K2/R.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-123/1851	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID INSERT DRIVE VALVE			R 522 K2/R.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-123/1855	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID INSERT DRIVE VALVE			R 522 K2/R.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-123/1859	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID INSERT DRIVE VALVE			R 522 K2/R.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-123/2203	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID INSERT DRIVE VALVE			R 522 L5/R.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-123/2207	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID INSERT DRIVE VALVE			R 522 L5/R.4		2 0 A,B1	324007	02C12	2	A
CRD-SV-123/2211	A610	HVA1709662A		A B	N 612		M528		C4
.5"SOLENOID INSERT DRIVE VALVE			R 522 L5/R.4		2 0 A,B1	324007	02C12	2	A

EPN	MFG	MODEL	STATUS		***SEISMIC (S) PARAMETERS***				FREQ	A/E DRAWING	A/E ZONE
			S E	DETAIL	TH	HL	TEST	ANL FO C			
DESCRIPTION			BLOG	ELEV	USE	SAFETY	FUNCTION	QID	CONTRACT	LEVEL	EC
CRD-SV-123/2215	A610	HVA1709662A		A B	N	612					
.5"SOLENOID INSERT DRIVE VALVE			R	522 L5/R.4	2 0	A,B1		324007	H528 02C12	2	C4 A
CRD-SV-123/2219	A610	HVA1709662A		A B	N	612					
.5"SOLENOID INSERT DRIVE VALVE			R	522 L5/R.4	2 0	A,B1		324007	H528 02C12	2	C4 A
CRD-SV-123/2223	A610	HVA1709662A		A B	N	612					
.5"SOLENOID INSERT DRIVE VALVE			R	522 L5/R.4	2 0	A,B1		324007	H528 02C12	2	C4 A
CRD-SV-123/2227	A610	HVA1709662A		A B	N	612					
.5"SOLENOID INSERT DRIVE VALVE			R	522 L5/R.4	2 0	A,B1		324007	H528 02C12	2	C4 A
CRD-SV-123/2231	A610	HVA1709662A		A B	N	612					
.5"SOLENOID INSERT DRIVE VALVE			R	522 L5/R.4	2 0	A,B1		324007	H528 02C12	2	C4 A
CRD-SV-123/2235	A610	HVA1709662A		A B	N	612					
.5"SOLENOID INSERT DRIVE VALVE			R	522 K2/R.4	2 0	A,B1		324007	H528 02C12	2	C4 A
CRD-SV-123/2239	A610	HVA1709662A		A B	N	612					
.5"SOLENOID INSERT DRIVE VALVE			R	522 K2/R.4	2 0	A,B1		324007	H528 02C12	2	C4 A
CRD-SV-123/2243	A610	HVA1709662A		A B	N	612					
.5"SOLENOID INSERT DRIVE VALVE			R	522 K2/R.4	2 0	A,B1		324007	H528 02C12	2	C4 A
CRD-SV-123/2247	A610	HVA1709662A		A B	N	612					
.5"SOLENOID INSERT DRIVE VALVE			R	522 K2/R.4	2 0	A,B1		324007	H528 02C12	2	C4 A
CRD-SV-123/2251	A610	HVA1709662A		A B	N	612					
.5"SOLENOID INSERT DRIVE VALVE			R	522 K2/R.4	2 0	A,B1		324007	H528 02C12	2	C4 A
CRD-SV-123/2255	A610	HVA1709662A		A B	N	612					
.5"SOLENOID INSERT DRIVE VALVE			R	522 K2/R.4	2 0	A,B1		324007	H528 02C12	2	C4 A
CRD-SV-123/2259	A610	HVA1709662A		A B	N	612					
.5"SOLENOID INSERT DRIVE VALVE			R	522 K2/R.4	2 0	A,B1		324007	H528 02C12	2	C4 A
CRD-SV-123/2603	A610	HVA1709662A		A B	N	612					
.5"SOLENOID INSERT DRIVE VALVE			R	522 L5/R.4	2 0	A,B1		324007	H528 02C12	2	C4 A
CRD-SV-123/2607	A610	HVA1709662A		A B	N	612					
.5"SOLENOID INSERT DRIVE VALVE			R	522 L5/R.4	2 0	A,B1		324007	H528 02C12	2	C4 A
CRD-SV-123/2611	A610	HVA1709662A		A B	N	612					
.5"SOLENOID INSERT DRIVE VALVE			R	522 L5/R.4	2 0	A,B1		324007	H528 02C12	2	C4 A
CRD-SV-123/2615	A610	HVA1709662A		A B	N	612					
.5"SOLENOID INSERT DRIVE VALVE			R	522 L5/R.4	2 0	A,B1		324007	H528 02C12	2	C4 A
CRD-SV-123/2619	A610	HVA1709662A		A B	N	612					
.5"SOLENOID INSERT DRIVE VALVE			R	522 L5/R.4	2 0	A,B1		324007	H528 02C12	2	C4 A
CRD-SV-123/2623	A610	HVA1709662A		A B	N	612					
.5"SOLENOID INSERT DRIVE VALVE			R	522 L5/R.4	2 0	A,B1		324007	H528 02C12	2	C4 A

EPH	MFG DESCRIPTION	MODEL	BLOG ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***				FREQ QID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TM USE	HL SAFETY FUNCTION	TEST ANL	FO C			
CRD-SV-123/2627	A610	HVA1709662A		A B	N	612					
.5"SOLENOID INSERT DRIVE VALVE			R 522 L5/R.4		2 0	A,B1			324007	M528 02C12	C4 2 A
CRD-SV-123/2631	A610	HVA1709662A		A B	N	612					
.5"SOLENOID INSERT DRIVE VALVE			R 522 L5/R.4		2 0	A,B1			324007	M528 02C12	C4 2 A
CRD-SV-123/2635	A610	HVA1709662A		A B	N	612					
.5"SOLENOID INSERT DRIVE VALVE			R 522 K2/R.4		2 0	A,B1			324007	M528 02C12	C4 2 A
CRD-SV-123/2639	A610	HVA1709662A		A B	N	612					
.5"SOLENOID INSERT DRIVE VALVE			R 522 K2/R.4		2 0	A,B1			324007	M528 02C12	C4 2 A
CRD-SV-123/2643	A610	HVA1709662A		A B	N	612					
.5"SOLENOID INSERT DRIVE VALVE			R 522 K2/R.4		2 0	A,B1			324007	M528 02C12	C4 2 A
CRD-SV-123/2647	A610	HVA1709662A		A B	N	612					
.5"SOLENOID INSERT DRIVE VALVE			R 522 K2/R.4		2 0	A,B1			324007	M528 02C12	C4 2 A
CRD-SV-123/2651	A610	HVA1709662A		A B	N	612					
.5"SOLENOID INSERT DRIVE VALVE			R 522 K2/R.4		2 0	A,B1			324007	M528 02C12	C4 2 A
CRD-SV-123/2655	A610	HVA1709662A		A B	N	612					
.5"SOLENOID INSERT DRIVE VALVE			R 522 K2/R.4		2 0	A,B1			324007	M528 02C12	C4 2 A
CRD-SV-123/2659	A610	HVA1709662A		A B	N	612					
.5"SOLENOID INSERT DRIVE VALVE			R 522 K2/R.4		2 0	A,B1			324007	M528 02C12	C4 2 A
CRD-SV-123/3003	A610	HVA1709662A		A B	N	612					
.5"SOLENOID INSERT DRIVE VALVE			R 522 L5/R.4		2 0	A,B1			324007	M528 02C12	C4 2 A
CRD-SV-123/3007	A610	HVA1709662A		A B	N	612					
.5"SOLENOID INSERT DRIVE VALVE			R 522 L5/R.4		2 0	A,B1			324007	M528 02C12	C4 2 A
CRD-SV-123/3011	A610	HVA1709662A		A B	N	612					
.5"SOLENOID INSERT DRIVE VALVE			R 522 L5/R.4		2 0	A,B1			324007	M528 02C12	C4 2 A
CRD-SV-123/3015	A610	HVA1709662A		A B	N	612					
.5"SOLENOID INSERT DRIVE VALVE			R 522 L5/R.4		2 0	A,B1			324007	M528 02C12	C4 2 A
CRD-SV-123/3019	A610	HVA1709662A		A B	N	612					
.5"SOLENOID INSERT DRIVE VALVE			R 522 L5/R.4		2 0	A,B1			324007	M528 02C12	C4 2 A
CRD-SV-123/3023	A610	HVA1709662A		A B	N	612					
.5"SOLENOID INSERT DRIVE VALVE			R 522 L5/R.4		2 0	A,B1			324007	M528 02C12	C4 2 A
CRD-SV-123/3027	A610	HVA1709662A		A B	N	612					
.5"SOLENOID INSERT DRIVE VALVE			R 522 L5/R.4		2 0	A,B1			324007	M528 02C12	C4 2 A
CRD-SV-123/3031	A610	HVA1709662A		A B	N	612					
.5"SOLENOID INSERT DRIVE VALVE			R 522 K2/R.4		2 0	A,B1			324007	M528 02C12	C4 2 A
CRD-SV-123/3035	A610	HVA1709662A		A B	N	612					
.5"SOLENOID INSERT DRIVE VALVE			R 522 K2/R.4		2 0	A,B1			324007	M528 02C12	C4 2 A

EPN	MFG	MODEL	STATUS S E	BLOG-ELEV	DETAIL	***SEISMIC (S) PARAMETERS***			FREQ QID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
						TM	HL	TEST ANL FO C			
	DESCRIPTION					USE		SAFETY FUNCTION			
CRD-SV-123/3039	A610	HVA1709662A	A B			N	612				
.5"SOLENOID INSERT DRIVE VALVE				R 522 K2/R.4		2 0	A,B1		324007	M528 02C12	C4 A
CRD-SV-123/3043	A610	HVA1709662A	A B			N	612				
.5"SOLENOID INSERT DRIVE VALVE				R 522 K2/R.4		2 0	A,B1		324007	M528 02C12	C4 A
CRD-SV-123/3047	A610	HVA1709662A	A B			N	612				
.5"SOLENOID INSERT DRIVE VALVE				R 522 K2/R.4		2 0	A,B1		324007	M528 02C12	C4 A
CRD-SV-123/3051	A610	HVA1709662A	A B			N	612				
.5"SOLENOID INSERT DRIVE VALVE				R 522 K2/R.4		2 0	A,B1		324007	M528 02C12	C4 A
CRD-SV-123/3055	A610	HVA1709662A	A B			N	612				
.5"SOLENOID INSERT DRIVE VALVE				R 522 K2/R.4		2 0	A,B1		324007	M528 02C12	C4 A
CRD-SV-123/3059	A610	HVA1709662A	A B			N	612				
.5"SOLENOID INSERT DRIVE VALVE				R 522 K2/R.4		2 0	A,B1		324007	M528 02C12	C4 A
CRD-SV-123/3403	A610	HVA1709662A	A B			N	612				
.5"SOLENOID INSERT DRIVE VALVE				R 522 L5/R.4		2 0	A,B1		324007	M528 02C12	C4 A
CRD-SV-123/3407	A610	HVA1709662A	A B			N	612				
.5"SOLENOID INSERT DRIVE VALVE				R 522 L5/R.4		2 0	A,B1		324007	M528 02C12	C4 A
CRD-SV-123/3411	A610	HVA1709662A	A B			N	612				
.5"SOLENOID INSERT DRIVE VALVE				R 522 L5/R.4		2 0	A,B1		324007	M528 02C12	C4 A
CRD-SV-123/3415	A610	HVA1709662A	A B			N	612				
.5"SOLENOID INSERT DRIVE VALVE				R 522 L5/R.4		2 0	A,B1		324007	M528 02C12	C4 A
CRD-SV-123/3419	A610	HVA1709662A	A B			N	612				
.5"SOLENOID INSERT DRIVE VALVE				R 522 L5/R.4		2 0	A,B1		324007	M528 02C12	C4 A
CRD-SV-123/3423	A610	HVA1709662A	A B			N	612				
.5"SOLENOID INSERT DRIVE VALVE				R 522 L5/R.4		2 0	A,B1		324007	M528 02C12	C4 A
CRD-SV-123/3427	A610	HVA1709662A	A B			N	612				
.5"SOLENOID INSERT DRIVE VALVE				R 522 L5/R.4		2 0	A,B1		324007	M528 02C12	C4 A
CRD-SV-123/3431	A610	HVA1709662A	A B			N	612				
.5"SOLENOID INSERT DRIVE VALVE				R 522 K2/R.4		2 0	A,B1		324007	M528 02C12	C4 A
CRD-SV-123/3435	A610	HVA1709662A	A B			N	612				
.5"SOLENOID INSERT DRIVE VALVE				R 522 K2/R.4		2 0	A,B1		324007	M528 02C12	C4 A
CRD-SV-123/3439	A610	HVA1709662A	A B			N	612				
.5"SOLENOID INSERT DRIVE VALVE				R 522 K2/R.4		2 0	A,B1		324007	M528 02C12	C4 A
CRD-SV-123/3443	A610	HVA1709662A	A B			N	612				
.5"SOLENOID INSERT DRIVE VALVE				R 522 K2/R.4		2 0	A,B1		324007	M528 02C12	C4 A
CRD-SV-123/3447	A610	HVA1709662A	A B			N	612				
.5"SOLENOID INSERT DRIVE VALVE				R 522 K2/R.4		2 0	A,B1		324007	M528 02C12	C4 A

PROGRAM CIE-SQRT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00115
DATE 10/01/82

EPN	MFG DESCRIPTION	MODEL	BLDG ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***			FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TM	HL	TEST ANL FO C USE SAFETY FUNCTION			
CRD-SV-123/3451	A610	HVA1709662A		A B	N	612			M528	C4
.5"SOLENOID INSERT DRIVE VALVE			R 522 K2/R.4		2 0	A,B1		324007	02C12	2 A
CRD-SV-123/3455	A610	HVA1709662A		A B	N	612			M528	C4
.5"SOLENOID INSERT DRIVE VALVE			R 522 K2/R.4		2 0	A,B1		324007	02C12	2 A
CRD-SV-123/3459	A610	HVA1709662A		A B	N	612			M528	C4
.5"SOLENOID INSERT DRIVE VALVE			R 522 K2/R.4		2 0	A,B1		324007	02C12	2 A
CRD-SV-123/3803	A610	HVA1709662A		A B	N	612			M528	C4
.5"SOLENOID INSERT DRIVE VALVE			R 522 L5/R.4		2 0	A,B1		324007	02C12	2 A
CRD-SV-123/3807	A610	HVA1709662A		A B	N	612			M528	C4
.5"SOLENOID INSERT DRIVE VALVE			R 522 L5/R.4		2 0	A,B1		324007	02C12	2 A
CRD-SV-123/3811	A610	HVA1709662A		A B	N	612			M528	C4
.5"SOLENOID INSERT DRIVE VALVE			R 522 L5/R.4		2 0	A,B1		324007	02C12	2 A
CRD-SV-123/3815	A610	HVA1709662A		A B	N	612			M528	C4
.5"SOLENOID INSERT DRIVE VALVE			R 522 L5/R.4		2 0	A,B1		324007	02C12	2 A
CRD-SV-123/3819	A610	HVA1709662A		A B	N	612			M528	C4
.5"SOLENOID INSERT DRIVE VALVE			R 522 L5/R.4		2 0	A,B1		324007	02C12	2 A
CRD-SV-123/3823	A610	HVA1709662A		A B	N	612			M528	C4
.5"SOLENOID INSERT DRIVE VALVE			R 522 L5/R.4		2 0	A,B1		324007	02C12	2 A
CRD-SV-123/3827	A610	HVA1709662A		A B	N	612			M528	C4
.5"SOLENOID INSERT DRIVE VALVE			R 522 L5/R.4		2 0	A,B1		324007	02C12	2 A
CRD-SV-123/3831	A610	HVA1709662A		A B	N	612			M528	C4
.5"SOLENOID INSERT DRIVE VALVE			R 522 K2/R.4		2 0	A,B1		324007	02C12	2 A
CRD-SV-123/3835	A610	HVA1709662A		A B	N	612			M528	C4
.5"SOLENOID INSERT DRIVE VALVE			R 522 K2/R.4		2 0	A,B1		324007	02C12	2 A
CRD-SV-123/3839	A610	HVA1709662A		A B	N	612			M528	C4
.5"SOLENOID INSERT DRIVE VALVE			R 522 K2/R.4		2 0	A,B1		324007	02C12	2 A
CRD-SV-123/3843	A610	HVA1709662A		A B	N	612			M528	C4
.5"SOLENOID INSERT DRIVE VALVE			R 522 K2/R.4		2 0	A,B1		324007	02C12	2 A
CRD-SV-123/3847	A610	HVA1709662A		A B	N	612			M528	C4
.5"SOLENOID INSERT DRIVE VALVE			R 522 K2/R.4		2 0	A,B1		324007	02C12	2 A
CRD-SV-123/3851	A610	HVA1709662A		A B	N	612			M528	C4
.5"SOLENOID INSERT DRIVE VALVE			R 522 K2/R.4		2 0	A,B1		324007	02C12	2 A
CRD-SV-123/3855	A610	HVA1709662A		A B	N	612			M528	C4
.5"SOLENOID INSERT DRIVE VALVE			R 522 K2/P.4		2 0	A,B1		324007	02C12	2 A
CRD-SV-123/3859	A610	HVA1709662A		A B	N	612			M528	C4
.5"SOLENOID INSERT DRIVE VALVE			R 522 K2/R.4		2 0	A,B1		324007	02C12	2 A

EPH	HFG DESCRIPTION	MODEL	STATUS S E BLDG ELEV DETAIL	***SEISMIC (S) PARAMETERS***			FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
				TH	HL	TEST ANL FO C USE SAFETY FUNCTION.			
CRD-SV-123/4203	A610	HVA1709662A	A B	H	612				
.5"SOLENOID INSERT DRIVE VALVE			R 522 L5/B.4	2 0	A,B1		324007	M528 02C12	C4 2 A
CRD-SV-123/4207	A610	HVA1709662A	A B	H	612				
.5"SOLENOID INSERT DRIVE VALVE			R 522 L5/B.4	2 0	A,B1		324007	M528 02C12	C4 2 A
CRD-SV-123/4211	A610	HVA1709662A	A B	H	612				
.5"SOLENOID INSERT DRIVE VALVE			R 522 L5/B.4	2 0	A,B1		324007	M528 02C12	C4 2 A
CRD-SV-123/4215	A610	HVA1709662A	A B	H	612				
.5"SOLENOID INSERT DRIVE VALVE			R 522 L5/B.4	2 0	A,B1		324007	M528 02C12	C4 2 A
CRD-SV-123/4219	A610	HVA1709662A	A B	H	612				
.5"SOLENOID INSERT DRIVE VALVE			R 522 L5/B.4	2 0	A,B1		324007	M528 02C12	C4 2 A
CRD-SV-123/4223	A610	HVA1709662A	A B	H	612				
.5"SOLENOID INSERT DRIVE VALVE			R 522 L5/B.4	2 0	A,B1		324007	M528 02C12	C4 2 A
CRD-SV-123/4227	A610	HVA1709662A	A B	H	612				
.5"SOLENOID INSERT DRIVE VALVE			R 522 L5/B.4	2 0	A,B1		324007	M528 02C12	C4 2 A
CRD-SV-123/4231	A610	HVA1709662A	A B	H	612				
.5"SOLENOID INSERT DRIVE VALVE			R 522 K2/R.4	2 0	A,B1		324007	M528 02C12	C4 2 A
CRD-SV-123/4235	A610	HVA1709662A	A B	H	612				
.5"SOLENOID INSERT DRIVE VALVE			R 522 K2/R.4	2 0	A,B1		324007	M528 02C12	C4 2 A
CRD-SV-123/4239	A610	HVA1709662A	A B	H	612				
.5"SOLENOID INSERT DRIVE VALVE			R 522 K2/R.4	2 0	A,B1		324007	M528 02C12	C4 2 A
CRD-SV-123/4243	A610	HVA1709662A	A B	H	612				
.5"SOLENOID INSERT DRIVE VALVE			R 522 K2/R.4	2 0	A,B1		324007	M528 02C12	C4 2 A
CRD-SV-123/4247	A610	HVA1709662A	A B	H	612				
.5"SOLENOID INSERT DRIVE VALVE			R 522 K2/R.4	2 0	A,B1		324007	M528 02C12	C4 2 A
CRD-SV-123/4251	A610	HVA1709662A	A B	H	612				
.5"SOLENOID INSERT DRIVE VALVE			R 522 K2/R.4	2 0	A,B1		324007	M528 02C12	C4 2 A
CRD-SV-123/4255	A610	HVA1709662A	A B	H	612				
.5"SOLENOID INSERT DRIVE VALVE			R 522 K2/R.4	2 0	A,B1		324007	M528 02C12	C4 2 A
CRD-SV-123/4259	A610	HVA1709662A	A B	H	612				
.5"SOLENOID INSERT DRIVE VALVE			R 522 K2/R.4	2 0	A,B1		324007	M528 02C12	C4 2 A
CRD-SV-123/4607	A610	HVA1709662A	A B	H	612				
.5"SOLENOID INSERT DRIVE VALVE			R 522 L5/P.4	2 0	A,B1		324007	M528 02C12	C4 2 A
CRD-SV-123/4611	A610	HVA1709662A	A B	H	612				
.5"SOLENOID INSERT DRIVE VALVE			R 522 L5/P.4	2 0	A,B1		324007	M528 02C12	C4 2 A
CRD-SV-123/4615	A610	HVA1709662A	A B	H	612				
.5"SOLENOID INSERT DRIVE VALVE			R 522 L5/P.4	2 0	A,B1		324007	M528 02C12	C4 2 A

PROGRAM C1E-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00117
DATE 10/01/82

EPN	MFG	MODEL	STATUS	SEISMIC (S) PARAMETERS	FREQ	A/E DRAWING	A/E ZONE
DESCRIPTION		DLG ELEV	S C DETAIL	TH HL TEST ANL FO C USE SAFETY FUNCTION	OID	CONTRACT	LEVEL EC
CRD-SV-123/4619	A610	JVA1709662A	A R	N 612		H528	C4
.5"SOLENOID INSERT DRIVE VALVE		R 522 L5/R.4	2 0	A,B1	324007	02C12	2 A
CRD-SV-123/4623	A610	HVA1709662A	A R	N 612		H528	C4
.5"SOLENOID INSERT DRIVE VALVE		R 522 L5/R.4	2 0	A,B1	324007	02C12	2 A
CRD-SV-123/4627	A610	HVA1709662A	A R	N 612		H528	C4
.5"SOLENOID INSERT DRIVE VALVE		R 522 L5/R.4	2 0	A,B1	324007	02C12	2 A
CRD-SV-123/4631	A610	HVA1709662A	A R	N 612		H528	C4
.5"SOLENOID INSERT DRIVE VALVE		R 522 K2/R.4	2 0	A,B1	324007	02C12	2 A
CRD-SV-123/4635	A610	JVA1709662A	A R	N 612		H528	C4
.5"SOLENOID INSERT DRIVE VALVE		R 522 K2/R.4	2 0	A,B1	324007	02C12	2 A
CRD-SV-123/4639	A610	HVA1709662A	A R	N 612		H528	C4
.5"SOLENOID INSERT DRIVE VALVE		R 522 K2/R.4	2 0	A,B1	324007	02C12	2 A
CRD-SV-123/4643	A610	HVA1709662A	A R	N 612		H528	C4
.5"SOLENOID INSERT DRIVE VALVE		R 522 K2/R.4	2 0	A,B1	324007	02C12	2 A
CRD-SV-123/4647	A610	HVA1709662A	A R	N 612		H528	C4
.5"SOLENOID INSERT DRIVE VALVE		R 522 K2/R.4	2 0	A,B1	324007	02C12	2 A
CRD-SV-123/4651	A610	HVA1709662A	A R	N 612		H528	C4
.5"SOLENOID INSERT DRIVE VALVE		R 522 K2/R.4	2 0	A,B1	324007	02C12	2 A
CRD-SV-123/4655	A610	HVA1709662A	A R	N 612		H528	C4
.5"SOLENOID INSERT DRIVE VALVE		R 522 K2/R.4	2 0	A,B1	324007	02C12	2 A
CRD-SV-123/5011	A610	HVA1709662A	A R	N 612		H528	C4
.5"SOLENOID INSERT DRIVE VALVE		R 522 L5/R.4	2 0	A,B1	324007	02C12	2 A
CRD-SV-123/5015	A610	HVA1709662A	A R	N 612		H528	C4
.5"SOLENOID INSERT DRIVE VALVE		R 522 L5/R.4	2 0	A,B1	324007	02C12	2 A
CRD-SV-123/5019	A610	HVA1709662A	A R	N 612		H528	C4
.5"SOLENOID INSERT DRIVE VALVE		R 522 L5/R.4	2 0	A,B1	324007	02C12	2 A
CRD-SV-123/5023	A610	HVA1709662A	A R	N 612		H528	C4
.5"SOLENOID INSERT DRIVE VALVE		R 522 L5/R.4	2 0	A,B1	324007	02C12	2 A
CRD-SV-123/5027	A610	HVA1709662A	A R	N 612		H528	C4
.5"SOLENOID INSERT DRIVE VALVE		R 522 L5/R.4	2 0	A,B1	324007	02C12	2 A
CRD-SV-123/5031	A610	HVA1709662A	A R	N 612		H528	C4
.5"SOLENOID INSERT DRIVE VALVE		R 522 K2/R.4	2 0	A,B1	324007	02C12	2 A
CRD-SV-123/5035	A610	HVA1709662A	A R	N 612		H528	C4
.5"SOLENOID INSERT DRIVE VALVE		R 522 K2/R.4	2 0	A,B1	324007	02C12	2 A
CRD-SV-123/5039	A610	HVA1709662A	A R	N 612		H528	C4
.5"SOLENOID INSERT DRIVE VALVE		R 522 K2/R.4	2 0	A,B1	324007	02C12	2 A

EPH	MFG	MODEL	STATUS S E	**SEISMIC (S) PARAMETERS**				A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
				TH	HL	TEST	ANL F0 C		
DESCRIPTION		BLOG ELEV	DETAIL	USE	SAFETY	FUNCTION	PID		
CRD-SV-123/5043	A610	HVA1709662A	A B	N	612			M528	C4
.5"SOLENOID INSERT DRIVE VALVE		R 522 K2/B.4		2 0	A,B1		324007	02C12	2 A
CRD-SV-123/5047	A610	HVA1709662A	A B	N	612			M528	C4
.5"SOLENOID INSERT DRIVE VALVE		R 522 K2/B.4		2 0	A,B1		324007	02C12	2 A
CRD-SV-123/5051	A610	HVA1709662A	A B	N	612			M528	C4
.5"SOLENOID INSERT DRIVE VALVE		R 522 K2/B.4		2 0	A,B1		324007	02C12	2 A
CRD-SV-123/5415	A610	HVA1709662A	A D	H	612			M528	C4
.5"SOLENOID INSERT DRIVE VALVE		R 522 L5/B.4		2 0	A,B1		324007	02C12	2 A
CRD-SV-123/5419	A610	HVA1709662A	A B	N	612			M528	C4
.5"SOLENOID INSERT DRIVE VALVE		R 522 L5/B.4		2 0	A,B1		324007	02C12	2 A
CRD-SV-123/5423	A610	HVA1709662A	A B	N	612			M528	C4
.5"SOLENOID INSERT DRIVE VALVE		R 522 L5/B.4		2 0	A,B1		324007	02C12	2 A
CRD-SV-123/5427	A610	HVA1709662A	A B	N	612			M528	C4
.5"SOLENOID INSERT DRIVE VALVE		R 522 L5/B.4		2 0	A,B1		324007	02C12	2 A
CRD-SV-123/5431	A610	HVA1709662A	A B	N	612			M528	C4
.5"SOLENOID INSERT DRIVE VALVE		R 522 K2/B.4		2 0	A,B1		324007	02C12	2 A
CRD-SV-123/5435	A610	HVA1709662A	A B	N	612			M528	C4
.5"SOLENOID INSERT DRIVE VALVE		R 522 K2/B.4		2 0	A,B1		324007	02C12	2 A
CRD-SV-123/5439	A610	HVA1709662A	A B	N	612			M528	C4
.5"SOLENOID INSERT DRIVE VALVE		R 522 K2/B.4		2 0	A,B1		324007	02C12	2 A
CRD-SV-123/5443	A610	HVA1709662A	A B	N	612			M528	C4
.5"SOLENOID INSERT DRIVE VALVE		R 522 K2/B.4		2 0	A,B1		324007	02C12	2 A
CRD-SV-123/5447	A610	HVA1709662A	A B	N	612			M528	C4
.5"SOLENOID INSERT DRIVE VALVE		R 522 K2/B.4		2 0	A,B1		324007	02C12	2 A
CRD-SV-123/5819	A610	HVA1709662A	A D	N	612			M528	C4
.5"SOLENOID INSERT DRIVE VALVE		R 522 L5/B.4		2 0	A,B1		324007	02C12	2 A
CRD-SV-123/5823	A610	HVA1709662A	A B	N	612			M528	C4
.5"SOLENOID INSERT DRIVE VALVE		R 522 L5/B.4		2 0	A,B1		324007	02C12	2 A
CRD-SV-123/5827	A610	HVA1709662A	A B	N	612			M528	C4
.5"SOLENOID INSERT DRIVE VALVE		R 522 L5/B.4		2 0	A,B1		324007	02C12	2 A
CRD-SV-123/5831	A610	HVA1709662A	A U	N	612			M528	C4
.5"SOLENOID INSERT DRIVE VALVE		R 522 K2/B.4		2 0	A,B1		324007	02C12	2 A
CRD-SV-123/5835	A610	HVA1709662A	A B	N	612			M528	C4
.5"SOLENOID INSERT DRIVE VALVE		R 522 K2/B.4		2 0	A,B1		324007	02C12	2 A
CRD-SV-123/5839	A610	HVA1709662A	A B	N	612			M528	C4
.5"SOLENOID INSERT DRIVE VALVE		R 522 K2/B.4		2 0	A,B1		324007	02C12	2 A

PROGRAM CIE-SQRT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LIST

PAGE NO 00119

DATE 10/01/82

EPN	MFG DESCRIPTION	MODEL	STATUS S E	***SEISMIC (S) PARAMETERS*** TH HL TEST ANL FO C USE SAFETY FUNCTION	FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
CRD-SV-123/5843	A610	HVA17Q9662A	A B	H 612		M528	C4
.5" SOLENOID INSERT DRIVE VALVE		R 522 K2/8.4		2 0 A,B1	324007	02C12	2 A
CRD-V-110A	A499	HVA-103-632	A B			H528	D13
1.5" SOL. CAS-F-6 DISCH.		R 529 H.6/3.8		1 3 A	316001	02C12	2 A
CRD-V-110B	A499	HVA-103-632	A B			H528	D14
1.5" SOL. CAS-F-6 DISCHARGE		R 528 H.8/3.8		1 3 A	316001	02C12	2 A
CSP-DPIS-4	B080	208A	B A	R H 121	09	M543	C14
PRIMARY SECONDARY CONTAIN. IR-63		R 501 L4/9.3		1 3 G	086001	58	2 A
CSP-DPIS-5	B080	208A	B A	R H 121	09	M543	C6
ATHOS. SECONDARY CONTAIN. IR-64		R 501 H.0/5.1		1 3 G	086001	58	2 A
CSP-DPIS-6	B080	208A	B A	R H 121	09	M543	C6
ATHOS. SECONDARY CONTAIN. IR-64		R 501 H.8/5.5		1 3 G	086001	58	2 A
CSP-LMS-1	N015	D2400X	C B			M543	D5
LMS FOR CSP-V-1		R 508 H.5/7.6		2 3 B1,F	200009	68	2 A
CSP-LMS-2	N015	D2400X	C B			M543	D6
LMS FOR CSP-V-2		R 508 H.5/7.4		2 3 B1,F	200009	M68	2 A
CSP-LMS-3	N015	D2400X	A B			M543	D5
LMS FOR CSP-V-3		R 481 H.6/7.6		2 3 B1,F	200015	68	2 A
CSP-LMS-4	N015	D2400X	A B			M543	C5
LMS FOR CSP-V-4		R 478 H.6/7.6		2 3 B1,F	200015	68	2 A
CSP-LMS-5	N015	D2400X	C B	H 14 00	35	M543	C5
LMS FOR CSP-V-5		R 475 H.7/8.3		2 3 B1,F	200015	68	2 A
CSP-LMS-6	N015	D2400X	C B	H 14 00	35	M543	B14
LMS FOR CSP-V-6		R 480 H.5/7.7		2 3 B1,F	200015	68	2 A
CSP-LMS-9	N015	D2400X	C B			M543	B6
LMS FOR CSP-V-9		R 490 H.9/5.1		2 3 B1,F	200015	68	2 A
CSP-POS-10P1	A415	4-3869-001	R A			E519/11	E3
POS FOR CSP-V-10		R 491 H.9/5.1		1 3 I	248002		2 A
CSP-POS-10P10	A415	4-3869-002	R			E519/11	E3
POS FOR CSP-V-10		R 491 H.9/5.1		3 3			2 A
CSP-POS-10P11	A415	04-3869-002	R			E519/11	E3
POS FOR CSP-V-10		R 491 H.9/5.1		3 3	248003		2 A
CSP-POS-10P12	A415	04-3869-002	R A			E519/11	E3
POS FOR CSP-V-10		R 491 H.9/5.1		1 3 I	248002		2 A
CSP-POS-10P13	A415	04-3869-002	R			E519/11	E3
POS FOR CSP-V-10		R 491 H.9/5.1		3 3	248003		2 A

EPN	HFG DESCRIPTION	MODEL	BLOG ELEV.	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***				FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TM	HL	TEST	ANL FO C			
					USE		SAFETY FUNCTION		QID		
CSP-POS-10P2	A415	04-3869-001		R A						E519/11	E3
POS FOR CSP-V-10			R 491 H.9/5.1		1	3	I		248002	2	A
CSP-POS-10P3	A415	04-3869-001		R A						E519/11	E3
POS FOR CSP-V-10			R 491 H.9/5.1		1	3	I		248002	2	A
CSP-POS-10P9	A415	04-3869-001		R A						E519/11	E3
POS FOR CSP-V-10			R 491 H.9/5.1		1	3	I		248002	3	2 A
CSP-POS-10P2	A415	04-3869-002		R A						E519/11	E3
POS FOR CSP-V-10			R 491 H.9/5.1		1	3	I		248002	2	A
CSP-POS-7P1	A415	04-3869-001		R A						E519/11	E3
POS FOR CSP-V-7			R 475 H.5/7.7		1	3	I		248002	2	A
CSP-POS-7P10	A415	04-3869-002		R						E519/11	E3
POS FOR CSP-V-7			R 475 H.5/7.7		3	3			248003	2	A
CSP-POS-7P11	A415	04-3869-002		R						E519/11	E3
POS FOR CSP-V-7			R 475 H.5/7.7		3	3			248003	2	A
CSP-POS-7P12	A415	04-3869-002		R A						E519/11	E3
POS FOR CSP-V-7			R 475 H.5/7.7		1	3	I		248002	2	A
CSP-POS-7P13	A415	04-3869-002		R						E519/11	E3
POS FOR CSP-V-7			R 475 H.5/7.7		3	3			248003	2	A
CSP-POS-7P2	A415	04-3869-001		R A						E519/11	E3
POS FOR CSP-V-7			R 475 H.5/7.7		1	3	I		248002	2	A
CSP-POS-7P3	A415	04-3869-001		R A						E519/11	E3
POS FOR CSP-V-7			R 475 H.5/7.7		1	3	I		248002	2	A
CSP-POS-7P4	A415	04-3869-001		R A						E519/11	E3
POS FOR CSP-V-7			R 475 H.5/7.7		1	3	I		248002	2	A
CSP-POS-7P9	A415	04-3869-002		R A						E519/11	E3
POS FOR CSP-V-7			R 475 H.5/7.7		1	3	I		248002	2	A
CSP-POS-8P1	A415	04-3869-001		R A						E519/11	E3
POS FOR CSP-V-8			R 491 H.6/6.0		1	3	I		248002	2	A
CSP-POS-8P10	A415	04-3869-002		R						E519/11	E3
POS FOR CSP-V-8			R 491 H.6/6.0		3	3			248003	2	A
CSP-POS-8P11	A415	04-3869-002		R						E519/11	E3
POS FOR CSP-V-8			R 491 H.6/6.0		3	3			248003	2	A
CSP-POS-8P12	A415	04-3869-002		R A						E519/11	E3
POS FOR CSP-V-8			R 491 H.6/6.0		1	3	I		248002	2	A
CSP-POS-8P13	A415	04-3869-002		R						E519/11	E3
POS FOR CSP-V-8			R 491 H.6/6.0		3	3			248003	2	A

PROGRAM CIE-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WHP-2 CLASS 1E EQUIPMENT LIST

PAGE NO 00121

DATE 10/01/82

EPN	MFG DESCRIPTION	MODEL	STATUS S E LOG ELEV DETAIL	SEISMIC (S) PARAMETERS TH HL TEST ANL FO C USE SAFETY FUNCTION	FREQ PID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
CSP-POS-BP2 POS FOR CSP-V-8	A415 04-3869-001	R 492 H.6/6.0	R A	1 3 I	248002	E519/11	E3 2 A
CSP-POS-BP3 POS FOR CSP-V-8	A415 04-3869-001	R 491 H.6/6.0	R A	1 3 I	248002	E519/11	E3 2 A
CSP-POS-BP4 POS FOR CSP-V-8	A415 04-3869-001	R 491 H.6/6.0	R A	1 3 I	248002	E519/11	E3 2 A
CSP-POS-BP9 POS FOR CSP-V-8	A415 04-3869-002	R 491 H.6/6.0	R A	1 3 I	248002	E519/11	E3 2 A
CSP-RLY-10CR RLY CLOSE IND CSP-V-10	S440 219 BBXP PNL VB-1A	R 474 H.6/8.2	R A	1 3 I	283041	E519/11 213	E4 3 A
CSP-RLY-10R1 RLY CLOSE IND CSP-V-10	D121 WE74/EX-2 PNL VB-1A	R 474 H.6/8.2	A A	R N 021 1 3 I	283017	E519/11 213	E4 3 A
CSP-RLY-10R2 RLY CLOSE IND CSP-V-10	D121 WE-74/EX-2 PNL VB-1A	R 474 H.6/8.2	A A	R N 021 1 3 I	283017	E519/11 213	E4 3 A
CSP-RLY-10R5 RLY OPEN IND CSP-V-10	D121 WE-74/EX-2 PNL VB-1A	R 474 H.6/8.2	A A	R N 021 1 3 I	283017	E519/11 213	D4 3 A
CSP-RLY-7CR RLY CLOSE IND CSP-V-7	S440 219 BBXP PNL VB-1A	R 474 H.6/8.2	A A	1 3 I	283041	E519/11 213	E4 3 A
CSP-RLY-7R1 RLY CLOSE IND CSP-V-7	D121 WE-74/EX-2 PNL VB-1A	R 474 H.6/8.2	A A	R N 021 1 3 I	283017	E519/11 213	E4 3 A
CSP-RLY-7R2 RLY CLOSE IND CSP-V-7	D121 WE-74/EX-2 PNL VB-1A	R 474 H.6/8.2	A A	R N 021 1 3 I	283017	E519/11 213	E4 3 A
CSP-RLY-7R3 RLY CLOSE IND CSP-V-7	R PNL VB-1A	R 471 H.3/8.0	R	3 3		E519/11	E4 3 A
CSP-RLY-7R4 RLY CLOSE IND CSP-V-7	R PNL VB-1A	R 471 H.3/8.0	R	3 3		E519/11	D4 3 A
CSP-RLY-7R5 RLY OPEN IND CSP-V-7	D121 WE-74/EX-2 PNL VB-1A	R 474 H.6/8.2	A A	R N 021 1 3 I	283017	E519/11 213	D4 3 A
CSP-RLY-8CR RLY CLOSE IND CSP-V-8	S440 219 BBXP PNL VB-1A	R 474 H.6/8.2	A A	1 3 I	283041	E519/11 213	E4 3 A
CSP-RLY-8R1 RLY CLOSE IND CSP-V-8	D121 WE-74/EX-2 PNL VB-1A	R 474 H.6/8.2	A A	R N 021 1 3 I	283017	E519/11 213	E4 3 A
CSP-RLY-8R2 RLY CLOSE IND CSP-V-8	D121 WE-74/EX-2 PNL VB-1A	R 474 H.6/8.2	A A	R N 021 1 3 I	283017	E519/11 213	E4 3 A
CSP-RLY-8R3 RLY CLOSE IND CSP-V-8	R PNL VB-1A	R 471 H.3/8.0	R A	R N 021 1 3 I	283017	E519/11	E4 3 A

EPN	HFG	MODEL	STATUS S E	BLOG ELEV	***SEISMIC (S) PARAMETERS***				FREQ	A/E DRAWING	A/E ZONE
					TH	HL	TEST	ANL FO C			
DESCRIPTION					USE	SAFETY	FUNCTION		QID	CONTRACT	LEVEL EC
CSP-RLY-8R4			B.A		R	H	021			E519/11	D4
RLY CLOSE IND CSP-V-8 PNL VB-1A				R 471 H.3/8.0	1	3	I		283017		3 A
CSP-RLY-8R5	D121	VE-74/EX-2	A.A		R	H	021			E519/11	D4
RLY OPEN IND CSP-V-8 PNL VB-1A				R 474 H.6/8.2	1	3	I		283017 213		3 A
CSP-SPV-1	A499	WJHT0316A76	B.B		R	H	114 .03		33+	M543	D5
SOLENOID PILOT FOR CSP-V-1 IR-66				R 501 H.0/5.1	1	3	B1,F		315004 58		2 A
CSP-SPV-10A	A499	WJHT031659	A.D		R	H	114 .03		33+	M543	D6
SOLENOID PILOT (OPEN) CSP-V-10 IR-65				R 471 H.0/3.9	1	3	B1,F		315004 58		2 A
CSP-SPV-10B	A499	WJHT031659	A.B		R	H	114 .03		33+	M543	D6
SOL.PILOT (CLOSE) CSP-V-10 IR-65				R 471 H.0/3.9	1	3	B1,F		315004 58		2 A
CSP-SPV-2	A499	WJHT0316A79	B.B		R	H	114 .03		33+	M543	D6
SOLENOID PILOT FOR CSP-V-2 IR-63				R 501 L.4/9.3	1	3	B1,F		315004 58		2 A
CSP-SPV-3	A499	WJHT0316A76	A.D		R	H	114 .03		33+	M543	D5
SOLENOID PILOT FOR CSP-V-3 IR-65				R 471 H.0/3.9	1	3	B1,F		315004 58		2 A
CSP-SPV-4	A499	WJHT0316A79	B.D		R	H	114 .03		33+	M543	C4
SOLENOID PILOT FOR CSP-V-4 IR-64				R 501 H.0/5.1	1	3	B1,F		315004 58		2 A
CSP-SPV-5	A499	WJHT0316A79	B.B		R	H	114 .03		33+	M543	C5
SOLENOID PILOT FOR CSP-V-5 IR-64				R 501 H.0/5.1	1	3	B1,F		315004 58		2 A
CSP-SPV-6	A499	WJHT0316A59	B.B		R	H	114 .03		33+	M543	B14
SOLENOID PILOT FOR CSP-V-6 IR-63				R 501 L.4/9.3	1	3	B1,F		315004 58		2 A
CSP-SPV-7A	A499	WJHT031659	A.D		R	H	114 .03		33+	M543	C5
SOLENOID PILOT (CLOSE) CSP-V-7 IR-65				R 471 H.0/3.9	1	3	B1,F		315004 58		2 A
CSP-SPV-7B	A499	WJHT031659	B.B		R	H	114 .03		33+	M543	C5
SOLENOID PILOT (OPEN) CSP-V-7 IR-63				R 471 H.0/3.9	1	3	B1,F		315004 58		2 A
CSP-SPV-8A	A499	WJHT031659	B.B		R	H	114 .03		33+	M543	B15
SOL PILOT OPEN FOR CSP-V-8				R 471 H.4/6.8	1	3	B1,F		315004 58		2 A
CSP-SPV-8B	A499	WJHT031659	D.D		R	H	114 .03		33+	M543	B15
SOL PILOT CLOSE FOR CSP-V-8				R 471 H.4/6.8	1	3	B1,F		315004 58		2 A
CSP-SPV-9	A499	WJHT0316A79-E	D.A		R	H	114 .03		33+	M543	B6
SOLENOID PILOT FOR CSP-V-9 IR-64				R 504 H.0/5.1	1	3	B1,F		315004 58		3 A
CVB-SPV-1A1	A610	HTX032064	D		P	Y	114 .03		33+	M543	B13
SOL PILOT OUTBOARD CVB-V-1A				C 492 6 D AZ R35	3	0			315011 213		2 A
CVB-SPV-1A2	A610	HTX032064	D		P	Y	114 .03		33+	M543	B13
SOL.PILOT OUTBOARD CVB-V-1A				C 492 6 D AZ R35	3	0			315011 213		2 A
CVB-SPV-101	A610	HTX032064	D		P	Y	114 .03		33+	M543	B13
SOL PILOT INBOARD CVB-V-1A				C 492 6 D AZ R35	3	0			315011 213		2 A

PROGRAM CIE-SHRT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
VNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00123
DATE 10/01/82

EPN	HFG DESCRIPTION	MODEL	OLDG ELEV	STATUS	***SEISMIC (S) PARAMETERS***				FREQ QID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
				S E DETAIL	TH	HL	TEST ANL FO C USE SAFETY FUNCTION				
CVB-SPV-1B2	A610 HTX832064	B		P Y 114 03	33+	M543		B13			
SOL PILOT INBOARD CVB-V-1A	C 492 6 D AZ R35	3 0	315011	213	2	A					
CVB-SPV-1C1	A610 HTX832064	B		P Y 114 03	33+	M543		B12			
SOL PILOT OUTBOARD CVB-V-1D	C 492 27 D AZ R35	3 0	315011	213	2	A					
CVB-SPV-1C2	A610 HTX832064	B		P Y 114 03	33+	M543		B12			
SOLENOID PILOT OUTBOARD CVB-V-1C	C 492 27 D AZ R35	3 0	315011	213	2	A					
CVB-SPV-1D1	A610 HTX832064	B		P Y 114 03	33+	M543		B12			
SOL PILOT INBOARD CVB-V-1D	C 492 27 D AZ R35	3 0	315011	213	2	A					
CVB-SPV-1D2	A610 HTX832064	B		P Y 114 03	33+	M543		B12			
SOL PILOT INBOARD CVB-V-1C	C 492 27 D AZ R35	3 0	315011	213	2	A					
CVB-SPV-1E1	A610 HTX832064	B		P Y 114 03	33+	M543		B11			
SOL PILOT OUTBOARD CVB-V-1F	C 492 90 D AZ R35	3 0	315011	213	2	A					
CVB-SPV-1E2	A610 HTX832064	B		P Y 114 03	33+	M543		B11			
SOL PILOT OUTBOARD CVB-V-1E	C 492 90 D AZ R35	3 0	315011	213	2	A					
CVB-SPV-1F1	A610 HTX832064	B		P Y 114 03	33+	M543		B11			
SOL PILOT INBOARD CVB-V-1F	C 492 90 D AZ R35	3 0	315011	213	2	A					
CVB-SPV-1F2	A610 HTX832064	B		P Y 114 03	33+	M543		B11			
SOL PILOT INBOARD CVB-V-1E	C 492 90 D AZ R35	3 0	315011	213	2	A					
CVB-SPV-1G1	A610 HTX832064	B		P Y 114 03	33+	M543		B11			
SOL PILOT OUTBOARD CVB-V-1H	C 492 153 D AZ R35	3 0	315011	213	2	A					
CVB-SPV-1G2	A610 HTX832064	B		P Y 114 03	33+	M543		B11			
SOL PILOT OUTBOARD CVB-V-1G	C 492 153 D AZ R35	3 0	315011	213	2	A					
CVB-SPV-1H1	A610 HTX832064	B		P Y 114 03	33+	M543		B11			
SOL PILOT INBOARD CVB-V-1H	C 492 153 D AZ R35	3 0	315011	213	2	A					
CVB-SPV-1H2	A610 HTX832064	B		P Y 114 03	33+	M543		B9			
SOL PILOT INBOARD CVB-V-1G	C 492 153 D AZ R35	3 0	315011	213	2	P					
CVB-SPV-1J1	A610 HTX832064	B		P Y 114 03	33+	M543		B9			
SOL PILOT OUTBOARD CVB-V-1K	C 492 175 D AZ R35	3 0	315011	213	2	A					
CVB-SPV-1J2	A610 HTX832064	B		P Y 114 03	33+	M543		B9			
SOL PILOT INBOARD CVB-V-1J	C 492 175 D AZ R35	3 0	315011	213	2	A					
CVB-SPV-1K1	A610 HTX832064	B		P Y 114 03	33+	M543		B9			
SOL PILOT INBOARD CVB-V-1K	C 492 175 D AZ R35	3 0	315011	213	2	A					
CVB-SPV-1K2	A610 HTX832064	B		P Y 114 03	33+	M543		B9			
SOL PILOT INBOARD CVB-V-1J	C 492 175 D AZ R35	3 0	315011	213	2	A					
CVB-SPV-1L1	A610 HTX832064	B		P Y 114 03	33+	M543		B9			
SOL PILOT OUTBOARD CVB-V-1M	C 492 196 D AZ R35	3 0	315011	213	2	A					

EPN	MFG	MODEL	STATUS	SEISMIC (S) PARAMETERS	FREQ	A/E DRAWING	A/E ZONE
DESCRIPTION	BLDG ELEV	DETAIL	TM HL TEST ANL FO C	USE SAFETY FUNCTION	QID	CONTRACT	LEVEL EC
CVB-SPV-1L2	A610	HTX832064	B	P Y 114 03	33	M543	B8
SOL PILOT OUTBOARD CVB-V-1L	C 492 196 D AZ R35		3 0		315011	213	2 A
CVB-SPV-1H1	A610	HTX832064	B	P Y 114 03	33	M543	B8
SOL PILOT INBOARD CVB-V-1H	C 492 196 D AZ R35		3 0		315011	213	2 A
CVB-SPV-1H2	A610	HT8321-A5	B	P Y 114 03	33	M543	B8
SOL PILOT INBOARD CVB-V-1L	C 492 196 D AZ R35		3 0		315011	213	2 A
CVB-SPV-1H1	A610	HT8321-A5	B	P Y 114 03	33	M543	B8
SOL PILOT OUTBOARD CVB-V-1P	C 492 260 D AZ R35		3 0		315011	213	2 A
CVB-SPV-1H2	A610	HT8321-A5	B	P Y 114 03	33	M543	B8
SOL PILOT OUTBOARD CVB-V-1H	C 492 260 D AZ R35		3 0		315011	213	2 A
CVB-SPV-1P1	A610	HT8321-A5	B	P Y 114 03	33	M543	B8
SOL PILOT INBOARD CVB-V-1P	C 492 260 D AZ R35		3 0		315011	213	2 A
CVB-SPV-1P2	A610	HT8321-A5	B	P Y 114 03	33	M543	B7
SOL PILOT INBOARD CVB-V-1H	C 492 260 D AZ R35		3 0		315011	213	2 A
CVB-SPV-1Q1	A610	HT8321-A5	B	P Y 114 03	33	M543	B7
SOL PILOT OUTBOARD CVB-V-1R	C 492 344 D AZ R35		3 0		315011	58	2 A
CVB-SPV-1Q2	A610	HT8321-A5	B	P Y 114 03	33	M543	B7
SOL PILOT OUTBOARD CVB-V-1H	C 492 344 D AZ R35		3 0		315011	213	2 A
CVB-SPV-1R1	A610	HT8321-A5	B	P Y 114 03	33	M543	B7
SOL PILOT INBOARD CVB-V-1R	C 492 344 D AZ R35		3 0		315011	213	2 A
CVB-SPV-1R2	A610	HT8321-A5	B	P Y 114 03	33	M543	B7
SOL PILOT INBOARD CVB-V-1Q	C 492 344 D AZ R35		3 0		315011	213	2 A
CVB-SPV-1S1	A610	HT8321-A5	B	P Y 114 03	33	M543	B7
SOL PILOT INBOARD CVB-V-1T	C 492 281 D AZ R35		3 0		315011	213	2 A
CVB-SPV-1S2	A610	HT8321-A5	B	P Y 114 03	33	M543	B7
SOL PILOT OUTBOARD CVB-V-1S	C 492 281 D AZ R35		3 0		315011	213	2 A
CVB-SPV-1T1	A610	HT8321-A5	B	P Y 114 03	33	M543	B7
SOL PILOT INBOARD CVB-V-1T	C 492 281 D AZ R35		3 0		315011	213	2 A
CVB-SPV-1T2	A610	HT8321-A5	B	P Y 114 03	33	M543	B7
SOL PILOT INBOARD CVB-V-1S	C 492 281 D AZ R35		3 0		315011	213	2 A
E-92-100SPARE SPARE DISC	1005	TYPE G	A	N 625	392001	49	2 A
E-92-200SPARE SPARE DISC	1005	TYPE G	A	N 625	392001	49	2 A
E-92-70/70SPARE NEMA ARE MOTOR STARTER	1005	TYPE D	A	N 625	392001	49	2 A

EPN	HFG DESCRIPTION	MODEL	BLDG ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***			FREQ OID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TM HL TEST ANL FO C USE SAFETY FUNCTION					
E-42-7BB/6BSPAR	1005 TYPE D			A	N 625			E503/12		
NEMA 1 SPARE MOTOR STARTER			R 572 H.4/5.8		3 0 H		392001	49	2	A
E-42-7DD/7DSPAR	1005 TYPE D			A	N 625			E503/12		
NEMA 1 SPARE MOTOR STARTER			R 572 H.4/5.8		3 0 H		392001	49	2	A
E-42-7BB/8ASPAR	1005 TYPE D			A	N 625			E503/12		C7
NEMA 1 MOTOR STARTER SPARE			R 572 H.4/5.8		3 0		392001	49	2	A
E-42-7BB/8CSPAR	1005 TYPE D			A	N 625			E503/12		
NEMA 1 MTR STR SPARE			R 572 H.4/5.8		3 0		392001	49	2	A
E-42-7DD6A/SPAR	1005 TYPE D			A	N 625			E503/12		
NEMA 1 SPARE STARTER			R 578 H.4/5.7		3 0 C		392001	49	2	A
E-42-8B/10BSPAR	1005 TYPE *D*			A	N 625			E503/12		
NEMA 1 SPARE MOTOR STARTER			R 526 H/3.8		3 0 H		392001	49	2	A
E-42-8B/10CFUT	1005			A	N 625			E503/12		
FUTURE POWER SUPPLY FEEDER			R 526 H/3.8		3 0 H		392001	49	2	A
E-42-8D/2ASPAR	1005 TYPE *D*			A	N 625			E503/12		
NEMA 1 SPARE MOTOR STARTER			R 526 H/3.8		3 0		392001	49	2	A
E-42-8BB/2DSPAR	1005 TYPE *D*			A	N 625			E503/12		
NEMA 1 SPARE MOTOR STARTER			R 572 H.5/8.2		3 0 H		392001	49	2	A
E-42-8BB/2ESPAR	1005 TYPE *D*			A	N 625			E503/12		
NEMA 1 SPARE MOTOR STARTER			R 572 H.7/8.2		3 0 H		392001	49	2	A
E-42-8BB/6ASPAR	1005 TYPE D			A	N 625			E503/12		
NEMA 1 SPARE MOTOR STARTER			R 572 H.7/8.2		3 0 H		392001	49	2	A
E-42-8BD/6DSPAR	1005 TYPE D			A	N 625			E503/12		
NEMA 1 SPARE MOTOR STARTER			R 572 H.7/8.2		3 0 H		392001	49	2	A
E-42-CAC/1AFDR	1005 TYPE *G*			A A	N 625			E503/12		
FEEDER TO RECOMBINER VLV ACTUATORS			R 572 H.4/5.8		1 0 D		392001	49	2	A
E-42-CAC/1BFDR	1005 TYPE *G*			A A	N 625			E503/12		
FEEDER TO RECOMBINER VLV ACTUATORS			R 572 H.7/8.2		1 0 D		392001	49	2	A
E-42-CAC/ENC1A	1005 TYPE G			A A	N 625			E503/12		
DISC TO CAC-ENC-1A			R 572 H.7/6.0		1 0 H		392001	49	2	A
E-42-CAC/ENC1B	1005 TYPE G			A A	N 625			E503/12		
DISC TO CAC-ENC-1B			R 572 H.5/8.2		1 0 H		392001	49	2	A
E-42-CAC/FN1A	1005 TYPE *B*			A A	N 625			E503/12		
NEMA 2 MOTOR STARTER TO CAC-FN-1A			R 572 H.7/6.0		1 0 H		392001	49	2	A
E-42-CAC/FN1R	1005 TYPE R			A A	N 625			E503/12		
NEMA 1 MOTOR STARTER CAC-FN-1R			R 572 H.7/6.0		1 0 H		392001	49	2	A

PROGRAM CIE-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
UNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00126
DATE 10/01/82

EPH	WFG	MODEL	STATUS S E	***SEISMIC (S) PARAMETERS*** TH HL TEST ANL FO C	FREQ	A/E DRAWING	A/E ZONE
DESCRIPTION	BLOG ELEV	DETAIL	USE	SAFETY FUNCTION	QID	CONTRACT	LEVEL EC
E-42-CIA/C1A NEMA 2 MOTOR STARTER FOR CIA-C1A	1005 TYPE A	A	H 625	3 0 H	392001	E503/8 49	G12 2 A
E-42-CIA/C1B NEMA 2 MOTOR STARTER TO CIA-C1B	1005 TYPE A	A	H 625	3 0 H	392001	E503/8 49	C13 2 A
E-42-CRA/AD1A1 DISC TO CRA-AD-1A1 & 1A2	1005 TYPE G	A	H 625	3 3 H	392001	E503/8 49	2 A
E-42-CRA/AD1D1 DISC TO CRA-AD-1D1, 1D2, 1C1, & 1C2	1005 TYPE G	A	H 625	3 3 H	392001	E503/8 49	2 A
E-42-CRA/AD2A	1005 TYPE A	A	H 625	3 3 H	392001	E503/8 49	2 A
E-42-CRA/AD2B	1005 TYPE A	A	H 625	3 3 G	392001	E503/8 49	2 A
E-42-CRA/FN1A1 NEMA3 MTR STR CRA-FN-1A1	1005 TYPE B	A	H 625	3 3 H	392001	E503/8 49	2 A
E-42-CRA/FN1A2 NEMA3 MTR STR CRA-FN-1A2	1005 TYPE C	A	H 625	3 3 G	392001	E503/8 49	2 A
E-42-CRA/FN2A1 NEMA4 MTR STR CRA-FN-2A1	1005 TYPE B	A	H 625	3 3 H	392001	E503/8 49	2 A
E-42-CRA/FN2A2 NEMA 3 MOTOR STARTER CRA-FN-2A2	1005 TYPE "B"	A	H 625	3 3 D	392001	E503/8 49	2 A
E-42-CRA/FN2B1 NEMA4 MTR STR CRA-FN-2B1	1005 TYPE B	A	H 625	3 3 H	392001	E503/8 49	2 A
E-42-CRA/FN4B NEMA 3 MOTOR STRTR TO CRA-FN-4B	1005 TYPE "B"	A	H 625	3 3 H	392001	E503/8 49	2 A
E-42-D002HTRPA NEMA1 MTR STR TK HTR C41-D002	1005 TYPE A2	A	H 625	3 0 H	392001	E503/8 49	2 A
E-42-D003HTRB NEMA1 MTR STR TK HTR C41-D003	1005 TYPE A2	A	H 625	3 0 H	392001	E503/8 49	2 A
E-42-ELP/7BA DISC TO ELP 7BA	1005 TYPE "G"	A A	H 625	2 3 H	392001	E503/12 49	C15 2 A
E-42-ELP/7DB DISC TO ELP 7DB	1005 TYPE "G"	A A	H 625	2 3 H	392001	E503/8 49	G9 2 A
E-42-ELP/8BA DISC TO ELP 8BA	1005 TYPE "G"	A A	H 625	2 3 H	392001	E503/7 49	G4 2 A
E-42-ELP/8DB DISC TO ELP 8DB	1005 TYPE G	A	H 625	2 3 H	392001	E503/8 49	C1 2 A

EPN	MFG DESCRIPTION	MODEL	STATUS S E BLDG ELEV DETAIL	***SEISMIC (S) PARAMETERS***				FREQ QID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
				TM	HL	TEST	ANL FO C			
				USE		SAFETY	FUNCTION			
E-42-FPC/V153	1005 TYPE D	A A	H 625	E503/7						
NEMA1 MTR STR FPC-V-153		R 522 H.0/3.9	2 3	J.F.B1	392001	49	2	A		
E-42-FPC/V154	1005 TYPE D	A A	H 625	E503/7						
NEMA1 MTR STR FPC-V-154		R 522 H.7/8.0	2 3	J.F.B2	392001	49	2	A		
E-42-FPC/V156	1005 TYPE D	A A	H 625	E503/7						
NEMA1 MTR STR FPC-V-156		R 522 H.7/8.0	2 3	J.F.B2	392001	49	2	A		
E-42-FPC/V172	1005 TYPE D	A A	H 625	E503/7						
NEMA1 MTR STR FPC-V-172		R 522 H.5/8.4	2 3	J.F.B2	392001	49	2	A		
E-42-FPC/V173	1005 TYPE D	A A	H 625	E503/7						
NEMA1 MTR STR FPC-V-173		R 522 H.0/3.9	2 3	J.F.B2	392001	49	2	A		
E-42-FPC/V175	1005 TYPE D	A A	H 625	E503/7						
NEMA1 MTR STR FPC-V-175		R 522 H.0/4.0	2 3	H	392001	49	2	A		
E-42-FPC/V181A	1005 TYPE D*	A A	H 625	E503/7						
NEMA 1 MOTOR STARTER FOR FPC-V181A		R 522 H.7/8.3	2 3	G	392001	49	2	A		
E-42-FPC/V181B	1005 TYPE D	A A	H 625	E503/7						
NEMA1 MTR STR FPC-V-154		R 522 H.0/3.9	2 3	J.F.B2	392001	49	2	A		
E-42-FPC/V184	1005 TYPE D*	A A	H 625	E503/7						
NEMA 1 MOTOR STARTER FOR FPC-V-184		R 522 H.0/3.9	2 3	B1	392001	49	2	A		
E-42-LPCS/FCV11	1005 TYPE D	A A	H 625	E503/7						
NEMA 1 MTR STR LPCS-FCV-11		R 522 H.7/8.3	1 0	H	392001	49	2	A		
E-42-LPCS/P2	1005 TYPE A*	A A	H 625	E503/8						
NEMA2 MTR STR LPCS-P-2		R 522 H.3/8.3	1 0	H	392001	49	2	A		
E-42-LPCS/V1	1005 TYPE D	A A	H 625	E503/7						
NEMA1 MTR STR LPCS-V-1		R 522 H.7/8.3	1 0	H	392001	49	2	A		
E-42-LPCS/V12	1005 TYPE D	A A	H 625	E503/7						
NEMA1 MTR STR LPCS-V-12		R 522 H.7/8.3	2 0	H	392001	49	2	A		
E-42-LPCS/V5	1005 TYPE D	A A	H 625	E503/7						
NEMA1 MTR STR LPCS-V-5		R 522 H.7/8.3	1 0	H	392001	49	2	A		
E-42-HS/V67A	1005 TYPE D	A A	H 625	E503/7						
NEMA1 MTR STR HS-V-67A		R 522 H.7/8.3	1 0	H	392001	49	2	A		
E-42-HS/V67B	1005 TYPE D	A A	H 625	E503/7						
NEMA1 MTR STR HS-V-67D		R 522 H.7/8.3	1 0	H	392001	49	2	A		
E-42-HS/V67C	1005 TYPE D	A A	H 625	E503/7						
NEMA1 MTR STR HS-V-67C		R 522 H.7/8.3	1 0	H	392001	49	2	A		
E-42-HS/V67D	1005 TYPE D	A A	H 625	E503/7						
NEMA1 MTR STR HS-V-67D		R 522 H.7/8.3	1 0	H	392001	49	2	A		

EPN	HFG	MODEL	STATUS	***SEISMIC (S) PARAMETERS***	FREQ	A/E DRAWING	A/E ZONE
DESCRIPTION	BLOG ELEV	DETAIL	TM HL TEST ANL FO C	USE SAFETY FUNCTION	010	CONTRACT	LEVEL EC
E-92-HSLC/EHCA NEMA1 MTR STR HSLC-EHC-A	1005 TYPE A2	A	N 625	3 3 H	392001	E503/7 49	2 A
E-92-HSLC/EHCB NEMA1 MTR STR HSLC-EHC-B	1005 TYPE A2	A	N 625	3 3 H	392001	E503/7 49	2 A
E-92-HSLC/EHCC NEMA1 MTR STR HSLC-EHC-C	1005 TYPE A2	A	N 625	3 3 H	392001	E503/7 49	2 A
E-92-HSLC/EHCD NEMA1 MTR STR HSLC-EHC-D	1005 TYPE A2	A	N 625	3 3 H	392001	E503/7 49	2 A
E-92-HSLC/FN1 NEMA1 MTR STR HSLC-FN-1	1005 TYPE A	A A	N 625	1 0 H	392001	E503/7 49	2 A
E-92-HSLC/FN2 STARTING COIL FOR HSLC-FN-2	1005 TYPE D	A A	N 625	1 0 H	392001	E503/7 49	2 A
E-92-HSLC/V1A NEMA1 MTR STR HSLC-V-1A	1005 TYPE D	A A	N 625	1 0 H	392001	E503/7 49	2 A
E-92-HSLC/V1B NEMA 1 MOTOR STARTER FOR HSLC-V-1B	1005 TYPE *D*	A A	N 625	2 0 F	392001	E503/7 49	2 A
E-92-HSLC/V1C NEMA 1 MOTOR STARTER FOR HSLC-V-1C	1005 TYPE *D*	A A	N 625	2 0 F	392001	E503/7 49	2 A
E-92-HSLC/V1D NEMA 1 MOTOR STARTER FOR HSLC-V-1D	1005 TYPE *D*	A A	N 625	2 0 F	392001	E503/7 49	2 A
E-92-HSLC/V2A NEMA1 MTR STR HSLC-V-2A	1005 TYPE D	A A	N 625	1 0 H	392001	E503/7 49	2 A
E-92-HSLC/V2B NEMA 1 MOTOR STARTER FOR HSLC-V-2B	1005 TYPE *D*	A A	N 625	2 0 F	392001	E503/7 49	2 A
E-92-HSLC/V2C NEMA 1 MOTOR STARTER FOR HSLC-V-2C	1005 TYPE *D*	A A	N 625	2 0 F	392001	E503/7 49	2 A
E-92-HSLC/V2D NEMA 1 MOTOR STARTER FOR HSLC-V-2D	1005 TYPE *D*	A A	N 625	2 0 F	392001	E503/7 49	2 A
E-92-HSLC/V3A NEMA1 MTR STR HSLC-V-3A	1005 TYPE D	A A	N 625	1 0 H	392001	E503/7 49	2 A
E-92-HSLC/V3B NEMA 1 MOTOR STARTER FOR HSLC-V-3B	1005 TYPE *D*	A A	N 625	2 0 F	392001	E503/7 49	2 A
E-92-HSLC/V3C NEMA 1 MOTOR STARTER FOR HSLC-V-3C	1005 TYPE *D*	A A	N 625	2 0 F	392001	E503/7 49	2 A
E-92-HSLC/V3D NEMA 1 MOTOR STARTER FOR HSLC-V-3D	1005 TYPE *D*	A A	N 625	2 0 F	392001	E503/7 49	2 A

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EPN	MFG DESCRIPTION	MODEL	STATUS S E BLOG ELEV DETAIL	***SEISMIC (S) PARAMETERS***			A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
				TH HL TEST ANL FO C USE SAFETY FUNCTION	FREQ OID			
E-42-MSLC/V9 NEMA 1 MOTOR STARTER FOR-MSLC-V-3	1005 TYPE D	A A	N 625	1 0 H	392001	E503/8 49	2	A
E-42-ODLGT/CP DISC TO OBSTR. LIGHT CP	1005 TYPE G	A	N 625	2 3 H	392001	E503/12 49	2	A
E-42-RCC/V104 NEMA HTR STR RCC-V-104	1202 TYPE D	A A	N 625	1 0 B1,F	392001	E503/7 49	2	A
E-42-RCC/V129 NEMA HTR STR RCC-V-129	1005 TYPE D	A A	N 625	1 0 F	392001	E503/7 49	2	A
E-42-RCC/V21 NEMA HTR STR RCC-V-21	1202 TYPE D	A A	N 625	1 0 B1,F	392001	E503/7 49	2	A
E-42-RCC/V40 NEMA HTR STR RCC-V-40	1202 TYPE D	A A	N 625	1 0 B1,F	392001	E503/7 49	2	A
E-42-RCC/V5 NEMA HTR STR RCC-V-5	1005 TYPE D	A A	N 625	1 0 B1,F	392001	E503/7 49	2	A
E-42-RCIC/P2 NEMA 1 MOTOR STARTER FOR RCIC-P-2	1005 TYPE *E*	A	N 625	3 1 G	392001	E505 49	2	A
E-42-RCIC/P4 NEMA 1 MOTOR STARTER FOR RCIC-P-4	1005 TYPE E	A	N 625	3 1 G	392001	E505 49	2	A
E-42-RCIC/V13 NEMA 1 MOTOR STARTER FOR RCIC-V-13	1005 TYPE *H*	A A	N 625	2 1 B1,C	392001	E505 49	2	A
E-42-RCIC/V19 NEMA 1 MOTOR STARTER FOR RCIC-V-19	1005 TYPE H	A	N 625	3 1 C	392001	E505 49	2	A
E-42-RCIC/V22 NEMA 1 MOTOR STARTER FOR RCIC-V-22	1005 TYPE *F*	A	N 625	3 1 B2,C	392001	E505 49	2	A
E-42-RCIC/V45 NEMA 1 MOTOR STARTER FOR RCIC-V-15	1005 TYPE *H2	A	N 625	3 1 B1	392001	E505 49	2	A
E-42-RCIC/V59 NEMA 1 MOTOR STARTER FOR RCIC-V-59	1005 TYPE *H*	A	N 625	3 1 B2,C	392001	E505 49	2	A
E-42-RCIC/V63 NEMA HTR STR RCIC-V-63	1005 TYPE D	A A	N 625	2 1 C	392001	E503/7 49	2	A
E-42-RCIC/V64 NEMA 2 MOTOR STARTER FOR RCIC-V-64	1005 TYPE *F*	A A	N 625	2 1 B1,C	392001	E505 49	2	A
E-42-RCIC/V69 NEMA 1 MOTOR STARTER FOR RCIC-V-69	1005 TYPE *H*	A A	N 625	2 1 B1,C	392001	E505 49	2	A
E-42-RCIC/V76 NEMA HTR STR RCIC-V-76	1005 TYPE D	A A	N 625	2 1 B1,C	392001	E503/7 49	2	A

EPN	MFG	MODEL	STATUS	SE	TH HL TEST ANL FO C	FREQ	A/E DRAWING	A/E ZONE
DESCRIPTION	BLDG ELEV	DETAIL	USE	SAFETY FUNCTION	OID	CONTRACT	LEVEL	EC
E-42-RHR/FCV64A	1005	TYPE D	A A	N 625		E503/7		
NEMA1 MTR STR RHR-FCV-64A	R 522 H.7/8.3	1 3	C.E	392001	49	2	A	
E-42-RHR/FCV64B	1005	TYPE D	A A	N 625		E503/7		
NEMA1 MTR STR RHR-FCV-64B	R 522 H.0/3.8	1 3	C.E	392001	49	2	A	
E-42-RHR/FCV64C	1005	TYPE D	A A	N 625		E503/7		
NEMA1 MTR STR RHR-FCV-64C	R 522 H.0/3.8	1 0	C.E	392001	49	2	A	
E-42-RHR/P3	1005	TYPE A	A A	N 625		E503/8		
NEMA2 MTR STR RHR-P-3	R 522 H.7/8.3	2 3	C.E	392001	49	2	A	
E-42-RHR/V115	1005	TYPE "D"	A A	N 625		E503/12		
NEMA1 MTR STR RHR-V-115	R 573 H.7/8.2	1 0	C.E	392001	49	2	A	
E-42-RHR/V116	1005	TYPE "D"	A A	N 625		E503/12		
NEMA1 MTR STR RHR-V-116	R 576 H.7/8.2	1 0	C.E	392001	49	2	A	
E-42-RHR/V118	1005	TYPE D	A A	N 625		E503/7		
NEMA1 MTR STR RHR-V-11A	R 522 H.7/8.3	1 1	C.E	392001	49	2	A	
E-42-RHR/V11D	1005	TYPE D	A A	N 625		E503/7		
NEMA1 MTR STR RHR-V-11B	R 522 H.0/3.8	1 1	C.E	392001	49	2	A	
E-42-RHR/V123A	1005	TYPE D	A A	N 625		E503/7		
NEMA1 MTR STR RHR-V-123A	R 522 H.0/3.8	2 3	C.E	392001	49	2	A	
E-42-RHR/V123D	1005	TYPE D	A A	N 625		E503/7		
NEMA1 MTR STR RHR-V-123B	R 522 H.0/3.8	2 3	C.E	392001	49	2	A	
E-42-RHR/V124A	1005	TYPE "D"	A A	N 625		E503/7		
NEMA1 MTR STR RHR-V-124A	R 522 H.7/8.0	2 1	C.E	392001	49	2	A	
E-42-RHR/V124D	1005	TYPE D	A A	N 625		E503/7		
NEMA1 MTR STR RHR-V-124B	R 522 H.0/3.8	2 1	C.E	392001	49	2	A	
E-42-RHR/V125A	1005	TYPE "D"	A A	N 625		E503/7		
NEMA1 MTR STR RHR-V-125A	R 522 H.0/3.8	2 1	C.E	392001	49	2	A	
E-42-RHR/V125B	1005	TYPE "D"	A A	N 625		E503/7		
NEMA 1 MOTOR STARTER FOR RHR-V125D	R 522 H.0/3.9	2 1	C	392001	49	2	A	
E-42-RHR/V134A	1005	TYPE "D"	A A	N 625		E503/7		
NEMA1 MTR STR RHR-V-134A	R 522 H.7/8.0	1 0	C.E	392001	49	2	A	
E-42-RHR/V134B	1005	TYPE "D"	A A	N 625		E503/7		
NEMA1 MTR STR RHR-V-134B	R 522 H.0/3.8	1 0	C.E	392001	49	2	A	
E-42-RHR/V16A	1005	TYPE "D"	A A	N 625		E503/12		
MOTOR START COIL FOR RHR-V-16A	R 572 H.4/5.7	1 0	C.E	392001	49	2	A	
E-42-RHR/V16D	1005	TYPE D	A A	N 625		E503/7		
NEMA2 MTR STR RHR-V-16B	R 522 H.0/3.8	1 0	C.E	392001	49	2	A	

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FPN	HFG DESCRIPTION	MODEL	BLDG ELEV	STATUS S C DETAIL	***SEISMIC (S) PARAMETERS***				FREQ QID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TH	HL	TEST	ANL FD C			
					USE		SAFETY FUNCTION				
E-42-RHR/V17A	1005	TYPE "D"		A A		H	625			E503/12	
NEHA2 MTR STR RHR-V-17A			R 572 H.4/5.7		1 0	C.E			392001	49	2 A
E-42-RHR/V17B	1005	TYPE D		A A		H	625			E503/7	
NEHA2 MTR STR RHR-V-17B			R 522 H.0/3.0		1 0	C.E			392001	49	2 A
E-42-RHR/V21	1005	TYPE D		A A		H	625			E503/7	
NEHA 1 MTR STR RIIR-V-21			R 522 H.0/4.0		1 0	H			392001	49	2 A
E-42-RIIR/V23	1005	TYPE "H"		A A		H	625			E505	
NEHA 1 MOTOR STARTER FOR RIIR-V-23			R 471 H.7/7.8		1 3	B1,C.E			392001	49	2 A
E-42-RHR/V24A	1005	TYPE D		A A		H	625			E503/7	
NEHA1 MTR STR RIIR-V-24A			R 522 H.0/4.0		1 0	C.E			392001	49	2 A
E-42-RIIR/V24B	1005	TYPE D		A A		H	625			E503/7	
NEHA1 MTR STR RHR-V-24B			R 522 H.0/3.0		1 0	C.E			392001	49	2 A
E-42-RIIR/V26A	1005	TYPE D		A A		H	625			E503/7	
NEHA 1 MTR STR RIIR-V-26A			R 522 H.0/4.0		1 1	C.E			392001	49	2 A
E-42-RHR/V27A	1005	TYPE "D"		A A		H	625			E503/7	
NEHA1 MTR STR RHR-V-27A			R 522 H.0/4.0		1 0	C.E			392001	49	2 A
E-42-RHR/V42A	1005	TYPE "Q"		A A		H	625			E503/7	
NEHA2 MTR STR RIIR-V-42A			R 522 H.0/4.0		1 0	C.E			392001	49	2 A
E-42-RIIR/V42B	1005	TYPE "D"		A A		H	625			E503/7	
NEHA2 MTR STR RIIR-V-42B			R 522 H.0/3.0		1 0	C.E			392001	49	2 A
E-42-RHR/V42C	1005	TYPE "D"		A A		H	625			E503/7	
NEHA2 MTR STR RIIR-V-42C			R 522 H.0/3.0		1 0	C.E			392001	49	2 A
E-42-RIIR/V47A	1005	TYPE "D"		A A		H	625			E503/12	
NEHA1 MTR STR RIIR-V-47A			R 572 H.4/5.0		1 3	C.E			392001	49	2 A
E-42-RHR/V47B	1005	TYPE "D"		A A		H	625			E503/12	
NEHA1 MTR STR RIIR-V-47B			R 572 H.7/8.2		1 3	C.E			392001	49	2 A
E-42-RIIR/V48A	1005	TYPE "D"		A A		H	625			E503/12	
NEHA1 MTR STR RIIR-V-48A			R 572 H.4/5.0		1 3	C.E			392001	49	2 A
E-42-RHR/V48B	1005	TYPE "D"		A A		H	625			E503/12	
NEHA1 MTR STR RIIR-V-48B			R 578 H.7/8.2		1 3	C.E			392001	49	2 A
E-42-RHR/V4A	1005	TYPE "D"		A A		H	625			E503/7	
NEHA1 MTR STR RIIR-V-4A			R 522 H.0/3.0		2 0	C.E			392001	49	2 A
E-42-RHR/V4B	1005	TYPE "D"		A A		H	625			E503/7	
NEHA1 MTR STR RHR-V-4B			R 522 H.0/4.0		1 0	C.E			392001	49	2 A
E-42-RHP/V4C	1005	R-10		A A		H	625			E503/7	
NEHA1 MTR STR RIIR-V-4C			R 522 H.0/4.0		1 0	C.E			392001	49	2 A

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EPH	HFG	MODEL	STATUS	SEISMIC (S) PARAMETERS	FREQ	A/E DRAWING	A/E ZONE
DESCRIPTION	BLOG ELEV	DETAIL	TH HL TEST ANL FO C	USE SAFETY FUNCTION	QID	CONTRACT	LEVEL EC
E-42-RHR/V52A NEMA1 MTR STR RHR-V-52A	1005	TYPE "D"	A A	N 625	E503/12		
		R 572 H.4/5.8	1 1	C.E	392001 49	2	A
E-42-RHR/V52B NEMA1 MTR STR RHR-V-52B	1005	TYPE "D"	A A	N 625	E503/12		
		R 572 H.7/8.2	1 1	C.E	392001 49	2	A
E-42-RHR/V53A NEMA1 MTR STR RHR-V-53A	1005	TYPE "D"	A A	N 625	E503/7		
		R 522 H.7/8.3	1 3	C.E	392001 49	2	A
E-42-RHR/V53B NEMA1 MTR STR RHR-V-53B	1005	TYPE "D"	A A	N 625	E503/7		
		R 522 H.7/8.3	1 3	C.E	392001 49	2	A
E-42-RHR/V60A NEMA1 MTR STR RHR-V-60A	1005	TYPE "D"	A A	N 625	E503/12		
		R 572 H.7/6.0	2 0	C.E	392001 49	2	A
E-42-RHR/V60B NEMA1 MTR STR RHR-V-60B	1005	TYPE "D"	A A	N 625	E503/12		
		R 572 H.5/5.7	2 0	C.E	392001 49	2	A
E-42-RHR/V6B NEMA1 MTR STR RHR-V-6B	1005	TYPE "D"	A A	N 625	E503/7		
		R 522 H.0/4.0	1 3	C.E	392001 49	2	A
E-42-RHR/V73A NEMA 1 MTR STR FOR RHR-V-73A	1005	TYPE D	A A	N 625	E503/12		
		R 572 H.5/8.2	1 3	H	392001 49	2	A
E-42-RHR/V73B NEMA1 MTR STR RHR-V-73B	1005	TYPE "D"	A A	N 625	E503/12		
		R 572 H.7/8.2	1 3	C.E	392001 49	2	A
E-42-RHR/V74A NEMA1 MTR STR RHR-V-74A	1005	TYPE "D"	A A	N 625	E503/12		
		R 572 H.4/5.8	1 3	C.E	392001 49	2	A
E-42-RHR/V74B NEMA1 MTR STR RHR-V-74B	1005	TYPE "D"	A A	N 625	E503/12		
		R 572 H.7/8.2	1 3	C.E	392001 49	2	A
E-42-RHR/V8 NEMA 2 MOTOR STARTER FOR RHR-V-8	1005	TYPE II	A A	N 625	E503		
		R 471 H.7/7.8	1 3	II	392001 49	2	A
E-42-RHR/V87A NEMA1 MTR STR FOR RHR-V-87A	1005	TYPE D	A A	N 625	E503/12		
		R 572 H.5/8.2	1 1	H	392001 49	2	A
E-42-RHR/V87B NEMA1 MTR STR RHR-V-87B	1005	TYPE "D"	A A	N 625	E503/12		
		R 572 H.7/8.2	1 1	C.E	392001 49	2	A
E-42-RHR/V9 NEMA1 MTR STR RHR-V-9	1005	TYPE "D"	A A	N 625	E503/7		
		R 522 H.0/4.0	1 3	C.E	392001 49	2	A
E-42-RRR/FH1 NEMA1 MTR STR RRA-FH-1	1005	TYPE A	A A	N 625	E503/8		
		R 522 H.0/3.8	1 3	II	392001 49	2	A
E-42-RRR/FH10 NEMA 1 MTR STR FOR RRA-FH-10	1005	TYPE "A"	A A	N 625	E503/8		
		R 522 H.0/3.8	1 3	J	392001 49	2	A
E-42-RRR/FH12 NEMA 1 MOTOR STARTER FOR RRA-FH-12	1005	TYPE "A"	A A	N 625	E503/8		
		R 522 H.5/1	1 0	II	392001 49	2	A

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EPN	MFG DESCRIPTION	MODEL	BLOG ELEV	STATUS S E DETAIL	**SEISMIC (S) PARAMETERS**			FREQ OID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TH HL TEST ANL FO C USE SAFETY FUNCTION					
E-42-RRR/FN15	1005 TYPE *A*			A A	N	625		E503/12		
NEHA 1 MOTOR STARTER FOR RRA-FN-15		R 572	H.4/5.8		1 0	J	392001	49	2	A
E-42-RRR/FN17	1005 TYPE *A*			A A	N	625		E503/12		
NEHA 1 MOTOR STARTER FOR RRA-FN-17		R 572	H.7/8.2		1 0	J	392001	49	2	A
E-42-RRR/FN20	1005 TYPE *A*			A A	N	625		E503/7		
NEHA 1 MOTOR STARTER FOR RRA-FN-20		R 522	H.0/3.9		1 3	J	392001	49	2	A
E-42-RRR/FN3	1005 TYPE A			A A	N	625		E503/8		
NEHA1 MTR STR RRA-FN-3		R 522	H.0/3.8		1 0	H	392001	49	2	A
E-42-RRR/V16A	1005 TYPE *D*			A A	N	625		E503/7		
NEHA1 MTR STR RRC-V-16A		R 522	H.7/8.3		2 0	J	392001	49	2	A
E-42-RRR/V16B	1005 TYPE *D*			A A	N	625		E503/7		
NEHA 1 MOTOR STARTER FOR RRC-V-16B		R 522	H.7/8.3		2 0	J	392001	49	2	A
E-42-RVCU/V4	1005 TYPE *H*			A A	N	625		E505		
NEHA 1 MOTOR STARTER FOR RVCU-V-4		R 471	H.7/7.8		1 0	B1	392001	49	2	A
E-42-S21A/1CSPA	1005 TYPE H			A	N	625		E505		G15
NEHA 1 SPARE STARTER		R 471	H.7/7.8		3 0		392001	49	2	A
E-42-S21A/1DSPA	1005 TYPE *H*			A	N	625		E505		
NEHA 1 SPARE STARTER		R 471	H.7/7.8		3 0	H	392001	49	2	A
E-42-S21A/2CSPA	1005 TYPE *H*			A	N	625		E505		G14
NEHA 1 SPARE STARTER		R 471	H.7/7.8		3 0		392001	49	2	A
E-42-S21A/3CSPA	1005 TYPE *H*			A	N	625		E505		G13
NEHA 1 SPARE STARTER		R 471	H.7/7.8		3 0		392001	49	2	A
E-42-S21A/4CSPA	1005 TYPE *H*			A	N	625		E505		G14
NEHA 1 SPARE STARTER		R 471	H.7/7.8		3 0		392001	49	2	A
E-42-SGT/ENC1B1	1005 TYPE *G*			A A	N	625				
DISC TO SGT-ENC-1B1		R 572	H.7/6.0		1 0	H	392001	49	2	A
E-42-SGT/FN1A2	1005 TYPE *A*			A A	N	625		E503/12		
NEHA 2 MOTOR STR FOR SGT-FN-1A-2		R 572	H.7/8.2		1 0	F	392001	49	2	A
E-42-SGT/FN1B2	1005 TYPE *A*			A A	N	625		E503/12		
NEHA 2 MOTOR STARTER SGT-FN-1B-2		R 572	H.7/8.2		1 0	F	392001	49	2	A
E-42-SGT/V1A	1005 TYPE *D*			A A	N	625		E503/12		
NEHA 1 MOTOR STRTR TO SGT-V-1A		R 572	H.5/8.2		1 0	D	392001	49	2	A
E-42-SGT/V3A1	1005 TYPE D			A A	N	625		E503/12		
NEHA1 MTR STR SGT-V-3A1		R 576	H.4/5.7		1 0	D	392001	49	2	A
E-42-SGT/V3A2	1005 TYPE D			A A	N	625		E503/12		
NEHA1 MTR STR SGT-V-3A2		R 576	H.7/8.2		1 0	D	392001	49	2	A

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EPN	MFG	MODEL	STATUS S E	***SEISMIC (S) PARAMETERS*** TH HL TEST ANL FD C FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
DESCRIPTION	BLDG ELEV	DETAIL	USE	SAFETY FUNCTION	OID	
E-42-SGT/V3B1 NEMA1 MTR STR SGT-V-3B+	1005	TYPE D	A A	N 625	E503/12	
	R 575 H.4/5.7		1 0	D	392001 49	2 A
E-42-SGT/V3B2 NEMA1 MTR STR SGT-V-3B2	1005	TYPE D	A A	N 625	E503/12	
	R 575 H.7/8.2		1 0	D	392001 49	2 A
E-42-SGT/V4A2 NEMA1 MTR STR SGT-V-4A2	1005	TYPE D	A A	N 625	E503/12	
	R 575 H.7/8.2		1 0	D	392001 49	2 A
E-42-SGT/V4B1 NEMA1 MTR STR SGT-V-4B1	1005	TYPE D	A A	N 625	E503/12	
	R 578 H.4/5.7		1 0	D	392001 49	2 A
E-42-SGT/V4B2 NEMA1 MTR STR SGT-V-4B2	1005	TYPE D	A A	N 625	E503/12	
	R 576 H.7/8.2		1 0	D	392001 49	2 A
E-42-SGT/V5A1 NEMA1 MTR STR SGT-V-5A1	1005	TYPE D	A A	N 625	E503/12	
	R 576 H.4/5.7		1 0	D	392001 49	2 A
E-42-SGT/V5A2 NEMA1 MTR STR SGT-V-5A2	1005	TYPE D	A A	N 625	E503/12	
	R 578 H.7/8.2		1 0	D	392001 49	2 A
E-42-SGT/V5B1 NEMA1 MTR STR SGT-V-5B1	1005	TYPE D	A A	N 625	E503/12	
	R 575 H.4/5.7		1 0	D	392001 49	2 A
E-42-SGT/V5B2 NEMA 1 MTR STR SGT-V-5B2	1005	TYPE D	A A	N 625	E503/12	
	R 575 H.7/8.2		1 0	D	392001 49	2 A
E-42-SGTEHC1A2 DISC TO SGT EHC-1A2	1005	TYPE "G"	A A	N 625	E503/12	
	R 572 H.5/8.2		1 0	D	392001 49	2 A
E-42-SGTEUC1B1 BRKR TO SGT-ERC-1B1	1005	56410 TYPE "G"	A A	N 625		
	R 578 H.4/5.7		1 0	D	392001 49	2 A
E-42-SGTEHC1B2 BRKR TO SGT-EHC-1B2	1005	56410 TYPE "G"	A A	N 625		
	R 572 H.7/8.2		1 0	D	392001 49	2 A
E-42-SGTESH1A BRKR TO SGT-EHC-1A	1005	56410 TYPE "G"	A A	N 625		
	R 522 H.4/8.1		3 0	D	392001 49	2 A
E-42-SGTESH1B BRKR TO SGT-ESH-1B	1005	56410-DA-99 TYPE "G"	A A	N 625		
	R 526 H.0/3.8		3 0	D	392001 49	2 A
E-42-SGTESH2A BRKR TO SGT-ESH-2A	1005	56410 TYPE "G"	A A	N 625		
	R 522 H.4/8.1		3 0	D	392001 49	2 A
E-42-SGTESH2B BRKR TO SGT-ESH-2B	1005	56410 TYPE "G"	A A	N 625		
	R 522 H.0/3.8		3 0	D	392001 49	2 A
E-42-SLC/P1A NEMA 3 MOTOR STARTER FOR SLC-P-1A	1005	TYPE D	A A	N 625	E503/8	
	R 522 H.4/8.1		1 0	D	392001 49	2 A
E-42-SLC/P1B NEMA 3 MOTOR STARTER FOR SLC-P-1B	1005	TYPE D	A A	N 625	E503/8	
	R 526 H.3/8.1		1 0	D	392001 49	2 A

EPN	HFG DESCRIPTION	MODEL	BLDG ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***			FREQ	A/E DRAWING	A/E ZONE
					TM	HL	TEST ANL FO C			
					USE		SAFETY FUNCTION	OID	CONTRACT	LEVEL EC
E-42-SLC/V1A	1005 TYPE D	A A			H	625			E503/8	
NEHA 3 MOTOR STARTER FOR SLC-V-1A		R 522 H4/8.1			1 8	D		392001	49	2 A
E-42-SLC/V1B	1005 TYPE D	A A			H	625			E503/8	
NEHA 1 MOTOR STARTER FOR SLC-V-1B		R 526 H/3.8			1 8	D		392001	49	2 A
E-42-SU/V187A	1005 TYPE *D*	A A			H	625			E503/7	
NEHA 1 MOTOR STARTER FOR SU-V-187A		R 522 H.7/8.3			4 3	E		392001	49	2 A
E-42-SU/V187B	1005 TYPE *D*	A A			H	625			E503/7	
NEHA 1 MOTOR STARTER FOR SU-V-187B		R 522 H.0/3.9			1 3	E		392001	49	2 A
E-42-SU/V24A	1005 TYPE D	A A			H	625			E503/8	
NEHA 1 MOTOR STARTER FOR SU-V-24A		R 522 H4/8.1			1 3	C		392001	49	2 A
E-42-SU/V24B	1005 TYPE D	A A			H	625			E503/7	
NEHA 1 MOTOR STARTER FOR SU-V-24B		R 522 H0/4.0			1 3	C		392001	49	2 A
E-42-SU/V24C	1005 TYPE D	A A			H	625			E503/7	
NEHA 1 MOTOR STARTER FOR SU-V-24C		R 522 H0/4.0			1 3	C		392001	49	2 A
E-42-SU/V44	1005 TYPE D	A A			H	625			E503/8	
NEHA 1 MOTOR STARTER FOR SU-V-44		R 522 H4/8.1			1 0	C		392001	49	2 A
E-42-SU/V75A	1005 TYPE *D*	A A			H	625			E503/7	
NEHA 1 MOTOR STARTER FOR SU-V-75A		R 522 H.7/8.3			1 0	E		392001	49	2 A
E-42-SU/V75D	1005 TYPE *D*	A A			H	625			E503/7	
NEHA 1 MOTOR STARTER FOR SU-V-75D		R 522 H.7/8.3			1 0	E		392001	49	2 A
E-42-TT/TV	1005 TYPE *H*	A A			H	625			E505	G15
NEHA 1 STR FOR TUR TRIP-THROTTLE V		R 471 H.7/7.8			2 1	H		392001	49	2 A
E-CD-88B/FPCP1B	1005	A			H	625			E503/12	
CIRCUIT DKR FOR FPC-P-1B		R 572 H.7/8.2			0 0	J		035020	49	2 A
E-CD-HC/8D/A	1005 TYPE H	B A			H	625			E503/8	
BRKR TO E-HC-8BA		R 522 H.0/3.8			1 3	H		035024	49	2 A
E-CD-HC/8D/B	1005 TYPE H	B A			H	625			E503/8	
BRKR TO E-HC-8BD		R 522 H.0/3.8			1 3	H		035024	49	2 A
E-CD-HC7BA	1005	B A			H	625			E503/8	
BRKR TO E-HC-7DA		R 522 H.4/8.1			1 3	H		035024	49	2 A
E-CD-HC7DD	1202	R A			H	625			E503/8	
BRKR TO E-HC-7BD		R 527 H.3/8.3			1 3	H		035024	49	2 A
E-CD-RPT3A	V120 24Y9836D11	A H			H	627			E502/4	J14
DUAL TRIP BRKR TO RRC-P-1A		R 475 L.9/9.3			2 0	E		035007	47A	2 A
E-CD-RPT3D	V120 24Y9836D11	A H			H	627			E502/4	J8
DUAL TRIP BRKR TO RRC-P-1B		R 475 K.3/9.0			2 0	E		035007	47A	2 A

PROGRAM C1E-SQRT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LIST

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EPN	MFG	MODEL	STATUS S E	***SEISMIC (S) PARAMETERS*** TH HL TEST ANL FO C FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
DESCRIPTION	BLDG ELEV	DETAIL	USE	SAFETY FUNCTION	QID	
E-CB-RPT4A DUAL TRIP BRKR TO RRC-P-1A	V120	24Y9836B11	A H	H 627	E502/4	Q14
	R 522		2 0	E	035007 47A	2 A
E-CB-RPT4D DUAL TRIP BRKR TO RRC-P-1B	V120		A H	H 627	E502/5	11B
	R 527 H.7/6.8		2 0	E	035007 47A	2 A
E-CONN-X100A/01 SOURCE RANGE N1 CONNECTOR	A380	AMPHENOL JACK#82-503	I I	Y	E539/30	
	C 507 98 D A2 R40		1 3	H	049001 55	3 P
E-CONN-X100A/02 SOURCE RANGE N1 CONNECTOR	A380	AMPHENOL PLUG#28650	I I	Y	E539/31	
	C 507 98 D A2 R40		1 3	H	049002 55	3 P
E-CONN-X100B/01 SOURCE RANGE N1 CONNECTOR	A380	AMPHENOL JACK#82-503	I I	Y	E539/30	
	C 507 102 D A2 R40		1 3	H	049001 55	3 P
E-CONN-X100B/02 SOURCE RANGE N1 CONNECTOR	A380	AMPHENOL PLUG#28650	I I	Y	E539/31	
	C 507 102 D A2 R40		1 3	H	049002 55	3 P
E-CONN-X100C/01 SOURCE RANGE N1 CONNECTION	A380	AMPHENOL JACK#82-503	I I	Y	E539/30	
	C 511 315 D A2 R40		1 3	H	049001 55	3 P
E-CONN-X100C/02 SOURCE RANGE N1 CONNECTION	A380	AMPHENOL PLUG#28650	I I	Y	E539/31	
	C 511 315 D A2 R40		1 3	H	049002 55	3 P
E-CONN-X100D/01 SOURCE RANGE N1 CONNECTION	A380	AMPHENOL JACK#82-503	I I	Y	E539/30	
	C 511 322 D A2 R40		1 3	H	049001 55	3 P
E-CONN-X100D/02 SOURCE RANGE N1 CONNECTION	A380	AMPHENOL PLUG#28650	I I	Y	E539/31	
	C 511 322 D A2 R40		1 3	H	049002 55	3 P
E-CONN-X102A/01 CONNECTOR (SPLICE)	A382	SOLIDSTRAND 34130	A A	Y	E539	
	C 534 185 D A2 R40		4 3	H	049006 218	3 P
E-CONN-X102A/02 CONNECTOR	RQ98	VCSE-N SHRINK TUBE	A A	Y	E539	
	C 534 185 D A2 R40		1 3	H	049007 218	3 P
E-CONN-X102B/01 CONNECTOR (SPLICE)	A382	SOLIDSTRAND 34130	A A	Y	E539	
	C 534 219 D A2 R40		1 3	H	049006 218	3 P
E-CONN-X102B/02 CONNECTOR	RQ98	VCSE-N SHRINK TUBE	A A	Y	E539	
	C 534 219 D A2 R40		1 3	H	049007 218	3 P
E-CP-CAC/HR1A+ HYDROGEN RECOMBINER CONTROL PNL 1A	A136	S/N P-2040	A A	F N 021	71-00-0104	
	R 572 H.4/5.8		1 0	D	050106	1
E-CP-CAC/HR1D+ HYDROGEN RECOMBINER CONTROL PNL 1B	A136	S/N P-2041	A A	F N 021	71-00-0104	
	R 572 H.7/8.5		1 0	D	050106	1
E-CP-VD/1A+ VAC BRKR RLY PNL			A A	F	E545/15R	
	R 471 H7/R.3		1 1	H	218	1 P
E-ELP-RDA+ ELP-RF EMERG LTG PNL	S345	HQ00-02653-304	A	V N 127	19 E503/7	F
	R 606 NO/R		3 3		116001 218	1

PROGRAM CIE-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00137
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EPH	MFG	MODEL	STATUS S E	**SEISMIC (S) PARAMETERS**				FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
				TM	HL	TEST	AHL			
DESCRIPTION		BLOG ELEV	DETAIL	USE	SAFETY FUNCTION	QID				
E-ELP-ARB+ ELP-BB-B EMERG LTG PNL	S395	MOOB-02653-9EA	A	V	N	127	14	E503/8	B14	
		R 471 H8/A.3		3	3		116001	49	1	P
E-EMSQ-CACFN1B MEAN SQ VLT DEVICE	1202	CN 5641-DDDAR	A A	N		625		E503/12		
		R 873 H.7/8.2		1	0	H	117004	49	3	A
E-EMSQ-SGTFN1A2 MEAN SQ VLT DEVICE	1202	5641-DACAB	A A	N		625		E503/12		
		R 576 H.7/8.2		1	0	H	117004	49	3	A
E-IR-61+ R BLDG INSTRU RACK DIV II			A A	E	N	121 01	21	M567	H10	
		R 422 H1/3.5		1	0	H	185002	58	1	P
E-IR-62+ IR BLDG INSTRU RACK DIV I			A A	F	N	121 01	33	M568	E14	
		R 471 H4/6.8		1	0	H	185002	58	1	P
E-IR-63+ R BLDG INSTRU RACK DIV II	J035	DVG 757-E-599	A A	F	N	21 01	33	M568	C6	
		R 501 L.2/9.3		1	0	H	185002	58	1	P
E-IR-64+ R BLDG INSTRU RACK DIV II	J035	DVG 757-C-652	A A	F	N	21 01	33	M568	G4	
		R 501 H/4.8		1	0	H	185002	58	1	P
E-IR-65+ R BLDG INSTRU RACK DIV I			A A	F	N	21 01	33	M568	H10	
		R 471 H/4		1	0	H	185002	58	1	P
E-IR-66+ R BLDG INSTRU RACK DIV I			A A	F	N	21 01	33	M568	F3	
		R 501 H8/5.3		1	0	H	185002	58	1	P
E-IR-67+ R BLDG INSTRU RACK DIV I			A A	F	N	21 01	33	M569	F4	
		R 548 H.8/5.7		1	0	H	185002	58	1	P
E-IR-68+ R BLDG INSTRU RACK DIV II			A A	F	N	21 01	33	M569	D8	
		R 548 H7/8.1		1	0	H	185002	58	1	P
E-IR-69+ R BLDG INSTRU RACK DIV II			A A	F	N	21 01	33	M569	D10	
		R 522 H/R.1		1	0	H	185002	58	1	P
E-IR-70+ RCC INSTRU RACK DIV II			A A	F	N	21 01	33	M569	H14	
		R 522 J/4		2	3	H	185002	58	1	P
E-IR-71+ R BLDG INSTRU RACK DIV I			A A	F	N	21 01	33	M569	E14	
		R 522 J/6.7		2	3	H	185002	58	1	P
E-IR-72+ CONT INSTRU AIR INSTRU RACK			A A	F	N	21 01	33	M569	D13	
		R 522 J7/8.3		2	3	H	185002	58	1	P
E-IR-73+ MSIV LEAKAGE CONTROL IR			A A	F	N	21 01	33	M569	G15	
		R 522 H4/4.2		1	0	H	185002	58	1	P
E-IR-74+ MSIV LEAKAGE CONTROL IR			A A	F	N	21 01	33	M569	E14	
		R 522 H4/7		1	0	H	185002	58	1	P
E-IR-P001+ GQR2			A A	F	N	121 03	10	M568	G13	
		R 471 K/4.2		1	0	H	145003	02	1	P

EPN	MFG DESCRIPTION	MODEL	STATUS S E BLDG ELEV DETAIL	***SEISMIC (S) PARAMETERS***				FREQ Q10	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
				TM USE	HL SAFETY	TEST FUNCTION	ANL FO C			
E-IR-P002+	G082		A A R 522 N7/5.0	F	H	121 03	2 3 H	10 185003	M569 02	G10 1 P
E-IR-P004+	G082		A A R 522 J5/7.2	F	H	121 03	1 3 H	10 185003	M569 02	D13 1 P
E-IR-P005+ RPV INST RACK C	G082		A A R 522 N.7/5.6	F	H	121 03	1 3 H	10 185003	M569 02	F9 1 P
E-IR-P006+	G082		A A R 471 L9/4.1	F	H	121 03	2 3 H	10 185003	M568 02	G12 1 P
E-IR-P008+	G082		R A R 522 N7/9.3	F	H	21 03	1 3 H	10 185003	M569 02	C10 1 P
E-IR-P009+ JET PUMP INST PNL A	G082		A A R 471 J7/8.0	F	H	121 03	2 1 H	10 185003	M568 02	D13 1 P
E-IR-P010+ JET PUMP INST PNL B	G082		A A R 471 M5/4.5	F	H	121 03	2 1 H	10 185003	M568 02	G11 2 P
E-IR-P011+	G082		R A R 568 M8/4.3	F	H	21 03	2 3 H	10 185003	M569 02	G4 1 P
E-IR-P015+ HN STM FLOW INST B	G082	36BX27QICG1	A A R 501 H7/7.3	F	H	121 03	1 3 H	10 185003	M568 02	D8 1 P
E-IR-P017+ RCIC SYS INST RACK	G082		A A R 471 L/8	F	H	121 03	2 1 H	10 185003	M568 02	D12 1 P
E-IR-P018+ RHR-INST RACK DIV 1	G080		A A R 501 J.5/3.0	F	H	121 03	1 3 H	10 185003	M568 02	H7 1 P
E-IR-P021+	G082		A A R 501 H9/9.3	F	H	121 03	1 3 H	10 185003	M568 02	C8 1 P
E-IR-P022+	G082		A A R 471 M5/7.9	F	H	121 03	2 3 H	10 185003	M568 02	D11 1 P
E-IR-P024+	G080		A A R 471 L.1/4.1	F	H	121 03	1 0 H	10 185003	M568 02	G12 1 P
E-IR-P025+	G082		A A R 501 L9/3.7	F	H	121 03	1 3 H	10 185003	M568 02	H5 1 P
E-IR-P026+	G082		A A R 522 J8/4.6	F	H	121 03	1 3 H	10 185003	M569 02	G13 1 P
E-IR-P029+	G082		A A R 471 K9/3.8	F	H	121 03	1 0 H	10 185003	M568 02	H12 1 P
E-IR-P030+	G082		A A R 501 L6/3.0	F	H	121 03	1 3 H	10 185003	M568 02	H6 1 P

PROGRAM CIE-SQRT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LIST

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EPH	MFG DESCRIPTION	MODEL	STATUS S E BLOG ELEV DETAIL	***SEISMIC (S) PARAMETERS***			FREQ OID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
				TM USE	HL SAFETY FUNCTION	ANL FO C			
E-IR-P031+	G082		A A R 501 H4/7.7	F H 1 3 H	121 03	10 185003	M568 02	DN 1 P	
E-IR-P032+	G082		A A R 507 L5/3.5	F H 1 3 H	121 03	10 185003	M568 02	H5 1 P	
E-IR-P033+	G083		A A R 501 H8/B.3	F H 1 3 H	121 03	10 185003	M568 02	DB 1 P	
E-IR-P039+	G082		A A R 522 H7/7	F H 1 0 H	121 03	10 185003	M569 02	E10 1 P	
E-IR-P040+	G002		A A R 522 H2/4.2	F H 1 0 H	121 03	10 185003	M569 02	H10 1 P	
E-MC-7B+	1202	5640VB-111C108-C1090	A A R 522 H.5/B.3	F H 1 3 H	125	08 216001	E503/8 49	G12 1 P	
E-MC-7BA+	1202	5640VB-111C108-C1090	A A R 522 H.7/B.3	F H 1 3 H	125	08 216001	E503/7 49	K12 1 P	
E-MC-7BB+	1202	5640VB-111C108-C1090	A A R 572 H.4/5.8	F H 1 3 H	125	08 216001	E503/12 49	C12 1 P	
E-MC-8B+	1202	5640VA-111SPL-C1090	A A R 522 H.0/3.5	F H 1 3 H	125	08 216001	E503/8 49	C12 1 P	
E-MC-8BA+	1202	5640VC-111SPL-C1090	A A R 522 H.0/3.9	F H 1 3 H	125	08 216001	E503/7 49	H12 1 P	
E-MC-8BB+	1202	5640VC-111SPL-C1090	A B R 572 H.7B.2	F H 1 3 H	125	08 216001	E503/12 49	F12 1 P	
E-MC-S2/1A+	1202	5640V4C-111SPL-C1090	A A R 471 H.7/7.8	F H 1 3 H	125	08 216001	E505 49	G14 1 P	
E-PP-7AC+	S345	QH-02653-28CE6	A P R 474 H2/9.3	V H 1 3 H	121	10 252002	E504 218	J9 1 P	
E-PP-8AE+	S345	QH8	A P R 474 8.5/N	V H 1 3 H	121	10 252002	E504 218	J3 1 P	
E-RLY-CACFN1A RELAY CUD/2F	S440	2190BXP	A A R 573 H.5/5.3	R H 1 0 D	149	17 283041	E535/44A-E 49	3 A	
E-RLY-CACFN1B RELAY CUD/RD	S440	2190BXP	A A R 574 H.9/8.3	R H 1 0 D	149	17 283041	E535/56A-E 49	3 A	
E-RLY-CRAFNI82 RELAY CUD/1B	S440	2190BXP	D R 522 H.0/3.5	R N 3 3 G	149	17+ 49	E535/54A-F 49	3 A	
E-RLY-CRAFNI82 RELAY CUD/1B	S440	2190BXP	D R 522 H.0/3.5	R N 3 3 G	149	17+ 49	E535/54A-F 49	3 A	

PROGRAM CIE-SQRT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00140
DATE 10/01/82

EPN	MFG	MODEL	STATUS S E	***SEISMIC (S) PARAMETERS*** TH HL TEST ANL FO C FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
DESCRIPTION		BLDG ELEV	DETAIL	USE SAFETY FUNCTION QID		
E-RLY-CRAEN2B1 RELAY CUB/1B	S440	219BBXP	B	R N 149 3 3 G	17+ E535/54A-F 49	3 A
E-RLY-CBAFN2B2 RELAY CUB/1B	S440	219BBXP	B	R N 149 3 3 G	17+ E535/54A-F 49	3 A
E-RLY-CRAEN4B RELAY CUB/1B	S440	219BBXP	B	R N 149 3 3 G	17+ E535/54A-F 49	3 A
E-RLY-CRAR1A2 RELAY CBAFN1A2 CUB/8A	S440	219BBXP	B	R N 149 3 3 G	17+ E535/42A-E 49	3 A
E-RLY-CR8R2A1 RELAY CBAFN2A1 CUB/8A	S440	219BBXP	B	R N 149 3 3 G	17+ E535/42A-E 49	3 A
E-RLY-CR8B2A2 RELAY CBAFN2A2	S440	219BBXP	B	R N 149 3 3 G	17+ E535/42A-E 49	3 A
E-RLY-CBARCAE9A RELAY CBAFN4A CUB/8A	S440	219BBXP	B	R N 149 3 3 G	17+ E535/42A-E 49	3 A
E-RLY-LPCSECV11 RELAY CUB/1B	S440	219BBXP	A A	R N 149 1 0 C	17 E535/43A-H 283041 49	3 A
E-RLY-LPCSV1 RELAY CUB/1B	S440	219BBXP	A A	R N 149 1 0 C	17 E535/43A-H 283041 49	3 A
E-RLY-LPCSV12 RELAY CUB/1B	S440	219BBXP	A A	R N 149 2 0 C	17 E535/43A-H 283041 49	3 A
E-RLY-LPCSV5 RELAY CUB/1B	S440	219BBXP	A A	R N 149 1 0 C	17 E535/43A-H 283041 49	3 A
E-RLY-MSLCHTRA RELAY CUB/8D	S440	219BBXP	A A	R N 149 1 0 F	17 E535/43A-H 283041 49	3 A
E-RLY-MSLCHTRB RELAY CUB/8D	S440	219BBXP	A A	R N 149 1 0 F	17 E535/43A-H 283041 49	3 A
E-RLY-MSLCHTRC RELAY CUB/8D	S440	219BBXP	A A	R N 149 1 0 F	17 E535/43A-H 283041 49	3 A
E-RLY-MSLCHTRD RELAY CUB/8D	S440	219BBXP	A A	R N 149 1 0 F	17 E535/43A-H 283041 49	3 A
E-RLY-MSLCV10 RELAY CUB/7E	S440	219BBXP	A A	R N 149 1 0 F	17 E535/54A-F 283041 49	3 A
E-RLY-MSLCV12 RELAY CUB/7E CTRL 2A,B,C,D	S440	219BBXP	A A	R N 149 1 0 F	17 E535/54A-F 283041 49	3 A
E-RLY-MSLCV1A RELAY CUB/4C	S440	219BBXP	A A	R N 149 1 0 F	17 E535/43A-H 283041 49	3 A

PROGRAM C1E-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00141
DATE 10/01/82

EPN	HFG DESCRIPTION	MODEL	STATUS S E BLOG ELEV DETAIL	***SEISMIC (S) PARAMETERS***				FREQ DID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
				TH	HL	TEST	ANL FO C USE SAFETY FUNCTION			
E-RLY-MSLCV1B RELAY CUB/4C	S440	219BBXP	A A R 522 H.7/8.3	R	N	149	1 0 F	17 283041	E535/43A-H 49	3 A
E-RLY-MSLCV1C RELAY CUB/4C	S440	219BBXP	A A R 522 H.7/8.3	R	N	149	1 0 F	17 283041	E535/43A-H 49	3 A
E-RLY-MSLCV1D RELAY CUB/4C	S440	219BBXP	A A R 522 H.7/8.3	R	N	149	1 0 F	17 283041	E535/43A-H 49	3 A
E-RLY-MSLCV2A RELAY CUB/8D	S440	219BBXP	A A R 522 H.7/8.3	R	N	149	1 0 F	17 283041	E535/43A-H 49	3 A
E-RLY-MSLCV2B RELAY CUB/4C	S440	219BBXP	A A R 522 H.7/8.3	R	N	149	1 0 F	17 283041	E535/43A-H 49	3 A
E-RLY-MSLCV2C RELAY CUB/8D	S440	219BBXP	A A R 522 H.7/8.3	R	N	149	1 0 F	17 283041	E535/43A-H 49	3 A
E-RLY-MSLCV2D RELAY CUB/4C	S440	219BBXP	A A R 522 H.7/8.3	R	N	149	1 0 F	17 283041	E535/43A-H 49	3 A
E-RLY-MSLCV3A RELAY CUB/8D	S440	219BBXP	A A R 522 H.7/8.3	R	N	149	1 0 F	17 283041	E535/43A-H 49	3 A
E-RLY-MSLCV3B RELAY CUB/8D	S440	219BBXP	A A R 522 H.7/8.3	R	N	149	1 0 F	17 283041	E535/43A-H 49	3 A
E-RLY-MSLCV3C RELAY CUB/8D	S440	219BBXP	A A R 522 H.7/8.3	R	N	149	1 0 F	17 283041	E535/43A-H 49	3 A
E-RLY-MSLCV3D RELAY CUB/4C	S440	219BBXP	A A R 522 H.7/8.3	R	N	149	1 0 F	17 283041	E535/43A-H 49	3 A
E-RLY-MSLCV4 RELAY CUB/7E	S440	219BBXP	A A R 522 H.0/3.5	R	N	149	1 0 F	17 283041	E535/54A-F 49	3 A
E-RLY-MSLCV5 RELAY CUB/7E	S440	219DDXP	A A R 522 H.0/3.5	R	N	149	1 0 F	17 283041	E535/54A-F 49	3 A
E-RLY-MSLCV9 RELAY CUB/7E	S440	219BBXP	A A R 522 H.0/3.5	R	N	149	1 0 F	17 283041	E535/54A-F 49	3 A
E-RLY-RCICP3 RELAY CUB/8A	S440	219BBXP	A R 522 H.5/8.3	R	N	149	3 1 C	17 283041	E535/42A-E 49	3 A
E-RLY-RCICV63 RELAY CUB/7C	S440	219BBXP	A A R 522 H.0/3.9	R	N	149	2 1 B1,C	17 283041	E535/55A-F 49	3 A
E-RLY-RHRV11A RELAY CUB/4C	S440	219BBXP	A A R 522 H.7/8.3	R	N	149	1 1 B1,C,E	17 283041	E535/43A-H 49	3 A
E-RLY-RHRV11D RELAY CUB/7C	S440	219DDXP	A A R 522 H.0/3.9	R	N	149	1 1 D1,C,E	17 283041	E535/55A-F 49	3 A

PROGRAM CIE-SQRT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00142
DATE 10/01/82

EPN	MFG DESCRIPTION	MODEL	BLDG. ELEV.	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***				FREQ QID	A/C DRAWING CONTRACT	A/E ZONE LEVEL EC
					TH	HL	TEST	ANL FO C USE SAFETY FUNCTION			
E-RLY-RIIRV16A RELAY CUB/8B	S440	219DBXP	R 575 H.6/5.0	A A	R N	199	1 0	Bl,C,E	17 283041	E535/44A-E 49	3 A
E-RLY-RIIRV16B RELAY CUB/7C	S440	219DBXP	R 522 H.0/3.9	A A	R N	149	1 0	Bl,C,E	17 283041	E535/55A-E 49	3 A
E-RLY-RIIRV17A RELAY CUB/8B	S440	219DBXP	R 575 H.5/5.0	A A	R N	149	1 0	Bl,C,E	17 283041	E535/44A-E 49	3 A
E-RLY-RIIRV17B RELAY CUB/7C	S440	219DBXP	R 522 H.0/3.9	A A	R N	149	1 0	Bl,C,E	17 283041	E535/55A-E 49	3 A
E-RLY-RIIRV21 RELAY CUB/7C	S440	219DBXP	R 522 H.0/3.9	A A	R N	149	1 0	Bl,C,E	17 283041	E535/55A-E 49	3 A
E-RLY-RIIRV24A RELAY CUB/1D	S440	219DBXP	R 522 H.7/8.3	A A	R N	149	1 0	Bl,C,E	17 283041	E535/43A-H 49	3 A
E-RLY-RIIRV26A RELAY CUB/4C	S440	219DBXP	R 522 H.7/8.3	A A	R N	149	1 1	C,E	17 283041	E535/43A-H 49	3 A
E-RLY-RIIRV26B RELAY CUB/7C	S440	219DBXP	R 522 H.0/3.9	A A	R N	149	1 1	C,E	17 283041	E535/55A-F 49	3 A
E-RLY-RIIRV27A RELAY CUB/1D	S440	219DBXP	R 522 H.7/8.3	A A	R N	149	1 0	Bl,C,E	17 283041	E535/43A-H 49	3 A
E-RLY-RIIRV27D RELAY CUB/7C	S440	219DBXP	R 522 H.0/3.9	A A	R N	149	1 0	Bl,C,E	17 283041	E535/55A-F 49	3 A
E-RLY-RIIRV3A RELAY CUB/8B	S440	219DBXP	R 575 H.5/5.0	A A	R N	149	1 3	C,E	17 283041	E535/44A-E 49	3 A
E-RLY-RIIRV42A RELAY CUB/1D	S440	219DBXP	R 522 H.7/8.3	A A	R N	149	1 0	Bl,C,E	17 283041	E535/43A-H 49	3 A
E-RLY-RIIRV42D RELAY CUB/1B	S440	219DBXP	R 522 H.0/3.9	A A	R N	149	1 0	Bl,C,E	17 283041	E535/55A-F 49	3 A
E-RLY-RIIRV42C RELAY CUB/1D	S440	219DBXP	R 522 H.0/3.9	A A	R N	149	1 0	Bl,C,E	17 283041	E535/55A-F 49	3 A
E-RLY-RIIRV47A RELAY CUB/8B	S440	219DBXP	R 575 H.5/5.0	A A	R N	149	1 3	C,E	17 283041	E535/44A-E 49	3 A
E-RLY-RIIRV47B RELAY CUB/7C	S440	219DBXP	R 576 H.9/8.3	A A	R N	149	1 3	C,E	17 283041	E535/56A-E 49	3 A
E-RLY-RIIRV48A RELAY CUB/8D	S440	219DBXP	R 575 H.5/5.0	A A	R N	149	1 3	C,E	17 283041	E535/44A-E 49	3 A
E-RLY-RIIRV48B RELAY CUB/7C	S440	219DBXP	R 576 H.9/8.3	A A	R N	149	1 3	C,E	17 283041	E535/56A-E 49	3 A

EPN	HFG DESCRIPTION	MODEL	STATUS S E BLDG ELEV DETAIL	***SEISMIC (S) PARAMETERS***		FREQ 010	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
				TH HL TEST ANL FO C USE SAFETY FUNCTION				
E-RLY-RHRV4A RELAY CUB/1B	S440 219BBXP		A A R 522 H.7/8.3	R N 149 2 0 B1,C,E		17 283041	E535/43A-H 49	3 A
E-RLY-RHRV4B RELAY CUB/1B	S440 219BBXP		A A R 522 H.0/3.9	R N 149 1 0 B1,C,E		17 283041	E535/55A-F 49	3
E-RLY-RHRV4C RELAY CUB/1B	S440 219BBXP		A A R 522 H.0/3.9	R N 149 1 0 B1,C,E		17 283041	E535/55A-F 49	3 A
E-RLY-RHRV52A RELAY CUB/8B	S440 219BBXP		A A R 575 H.5/5.0	R N 149 1 1 C,E		17 283041	E535/44A-E 49	3 A
E-RLY-RHRV52B RELAY CUB/8C			A R 576 H.9/8.3	1 1 C,E		283041	E535/56A-E	3 A
E-RLY-RHRV53A RELAY CUB/1B	S440 219BBXP		A A R 522 H.7/8.3	R N 149 1 3 B1,C,F		17 283041	E535/43A-H 49	3 A
E-RLY-RHRV53B RELAY CUB/8D	S440 219BBXP		A A R 522 H.7/8.3	R N 149 1 3 1,C,E		17 283041	E535/43A-H 49	3 A
E-RLY-RHRV68A RELAY CUB/8D	S440 219BBXP		A A R 575 H.5/5.0	R N 149 2 0 C,E,F		17 283041	E535/44A-E 49	3 A
E-RLY-RHRV68B RELAY CUB/8D	S440 219BBXP		A A R 574 H.9/8.3	R N 149 2 0 C,E,F		17 283041	E535/56A-E 4	3 A
E-RLY-RHRV6A RELAY CUB/1B	S440 219BBXP		A A R 522 H.7/8.3	R N 149 1 3 C,E		17 283041	E535/43A-H 49	3 A
E-RLY-RHRV6B RELAY CUB/1B	S440 219BBXP		A A R 522 H.0/3.9	R N 149 1 3 C,E		17 283041	E535/55A-F 49	3
E-RLY-RHRV87A RELAY CUB/8D	S440 219BBXP		A A R 575 H.5/5.0	R N 149 1 1 C,E		17 283041	E535/44A-E 49	3 A
E-RLY-RHRV87B RELAY CUB/8C	S440 219BBXP		A A R 576 H.9/8.3	R N 149 1 1 C,E		17 283041	E535/56A-E 49	3 A
E-RLY-RHRV9 RELAY CUB/1B	S440 219BBXP		A A R 522 H.0/3.9	R N 149 1 3 B1,C,E		17 283041	E535/55A-F 49	3
E-RLY-SGT/5A2 RELAY CUB/8D SGT/5A2,FN3A2 INTCOM	S440 219BBXP		A A R 572 H.7/8.2	R N 149 1 0 D,F		17 283041	E535/56A-E 49	3 A
E-RLY-SGT/1A1 RELAY CUB/2F	S440 219BBXP		A A R 575 H.5/5.3	R N 149 1 0 D,F		17 283041	E535/44A-E 49	3 A
E-RLY-SGT/1B1 RELAY CUB/2F	S440 219BBXP		A A R 575 H.5/5.3	R N 149 1 0 D,F		17 283041	E535/44A-E 49	3 A
E-RLY-SGT/1A2 RELAY CUB/2A	S440 219BBXP		A A R 572 H.7/8.2	R N 149 1 0 D,F		17 283041	E535/56A-E 49	3 A

EPN	HFG DESCRIPTION	MODEL	BLOG ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***			FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TM	HL	TEST ANL FO C USE SAFETY FUNCTION			
E-RLY-SGTEHC1R2 RELAY CUB/2A	S440	219BBXP	R 578 H.5/8.3	A A 1 0 D,F	R	N	149	17 283041	E535/56A-E 49	3 A
E-RLY-SGTES1R RELAY CUB/7E	S440	219BBXP	R 522 H.0/3.5	A A 3 0 D,F	R	N	149	17 283041	E535/59A-E 49	3 A
E-RLY-SGTES2R RELAY CUB/7C	S440	219BBXP	R 522 H.0/3.5	A A 3 0 D,F	R	N	149	17 283041	E535/59A-E 49	3 A
E-RLY-SGTEN1A1 RELAY CUB/2F	S440	219BBXP	R 575 H.5/5.3	A A 1 0 D,F	R	N	149	17 283041	E535/44A-E 49	3 A
E-RLY-SGTEN1A2 RELAY CUB/2A	S440	219BBXP	R 578 H.5/8.3	A A 1 0 D,F	R	N	149	17 283041	E535/56A-E 49	3 A
E-RLY-SGTEN1D1 RELAY CUB/2F	S440	219BBXP	R 575 H.5/5.3	A A 1 0 D,F	R	N	149	17 283041	E535/44A-E 49	3 A
E-RLY-SGTEN1D2 RELAY CUB/2A	S440	219BBXP	R 577 H.5/8.3	A A 1 0 D,F	R	N	149	17 283041	E535/56A-E 49	3 A
E-RLY-SGTTK2R1 RELAY CUB/1B	S440	219DXP	R 572 H.4/5.8	A A 1 0 D,F	R	N	149	17 283041	E535/44A-E 49	3 A
E-RLY-SGTV1A RELAY CUB/8B	S440	219BBXP	R 575 H.5/5.0	A A 1 0 D,F	R	N	149	17 283041	E535/44A-E 49	3 A
E-RLY-SGTV3R1 RELAY CUB/2F	S440	219BBXP	R 573 H.5/5.3	A A 1 0 D,F	R	N	149	17 283041	E535/44A-E 49	3 A
E-RLY-SGTV3A2 RELAY CUB/2A	S440	219BBXP	R 578 H.5/8.3	A A 1 0 D,F	R	N	149	17 283041	E535/56A-E 49	3 A
E-RLY-SGTV3R1 RELAY CUB/2F	S440	219BBXP	R 573 H.5/5.3	A A 1 0 D,F	R	N	149	17 283041	E535/44A-E 49	3 A
E-RLY-SGTV3D2 RELAY CUB/2A	S440	219BBXP	R 578 H.5/8.3	A A 1 0 D,F	R	N	149	17 283041	E535/56A-E 49	3 A
E-RLY-SGTV4A1 RELAY CUB/2F	S440	219BBXP	R 573 H.5/5.3	A A 1 0 D,F	R	N	149	17 283041	E535/44A-E 49	3 A
E-RLY-SGTV4A2 RELAY CUB/2A	S440	219BBXP	R 572 H.7/8.2	A A 1 0 D,F	R	N	149	17 283041	E535/56A-E 49	3 A
E-RLY-SGTV4R1 RELAY CUB/8B	S440	219BBXP	R 575 H.5/5.0	A A 1 0 D,F	R	N	149	17 283041	E535/44A-E 49	3 A
E-RLY-SGTV4R2 RELAY CUB/PC	S440	219BBXP	R 576 H.9/8.3	A A 1 0 D,F	R	N	149	17 283041	E535/56A-E 49	3 A
E-RLY-SGTV5A1 RELAY CUB/8B	S440	219BBXP	R 575 H.5/5.0	A A 1 0 D,F	R	N	149	17 283041	E535/44A-E 49	3 A

PROGRAM CIE-SQRT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WHP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00145
DATE 10/01/82

EPN	MFG DESCRIPTION	MODEL	BLDG ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***		FREQ PID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TM HL TEST ANL FO C USE SAFETY FUNCTION				
E-RLY-SGTV5A2 RELAY CUB/8C	S440	219BBXP		A A	R N 159 1 0 D,F		17 283041	E535/56A-E 49	3 A
E-RLY-SGTV5B1 RELAY CUB/8B	S440	291BBXP		A A	R N 159 1 0 D,F		17 283041	E535/44A-E 49	3 A
E-RLY-SGTV5B2 RELAY CUB/8C	S440	219BBXP		A A	R N 159 1 0 D,F		17 283041	E535/56A-E 49	3 A
E-RLY-SLCP1A RELAY CUB/8A	S440	219BBXP		A A	R N 159 1 0 A		17 283041	E535/42A-E 49	3 A
E-RLY-SLCP1B RELAY CUB/7E	S440	219BBXP		A A	R N 159 1 0 A		17 283041	E535/54A-E 49	3 A
E-RLY-SLCV1A RELAY CUB/8A	S440	219BBXP		A A	R N 159 1 0 A		17 283041	E535/42A-E 49	3 A
E-RLY-SMV44 RELAY CUB/8A	S440	219BBXP		A A	R N 159 1 0 C,J		17 283041	E535/42A-E 49	3 A
E-SH-10+	W120	75-DHP-500		A M	F N 127 2 3 H		04 305001	E502/4 47A	J8 1 P
E-SH-11+	W120	75-DHP-500		A M	F N 127 2 3 H		04 305001	E502/4 47A	G14 1 P
E-SH-12+	W120	75-DHP-500		A M	F N 127 2 3 H		04 305001	E502/4 47A	G8 1 P
E-SH-9+	W120	75-DHP-500		A M	F N 127 2 3 H		04 305001	E502/4 47A	J14 1 P
E-TR-7BA ELP-7B-A TRANSFORMER	S250	122091-3		G A	F N 121 2 3 H		06 349004	E503/12 218	B15 2 A
E-TR-7BB ELP-7B-B TRANSFORMER	S258	124176-12		G A	F N 121 2 3 H		06 349007	E503/8 218	G9 2 A
E-TR-8BB ELP-8B-B EMER LTG PHIL TRANSFORMER	S258	124176-17		G B	F N 121 2 3 H		06 349007	E503/8 218	B14 3 P
E-TRB-X104A/01 TERMINAL BLOCK FOR X-104A/01	C754	CURTIS INT-17		P P	Y 2 3 H		S796 352001	55	3 P
E-TRB-X104B/01 TERMINAL BLOCK FOR X-104B/01	C754	CURTIS INT-17		P P	Y 2 3 H		S796 352001	55	3 P
E-TRB-X104C/01 TERMINAL BLOCK FOR X-104C/01	C754	CURTIS INT-17		P P	Y 2 3 H		S796 352001	55	3 P
E-TRB-X104D/01 TERMINAL BLOCK FOR X-104D/01	C754	CURTIS INT-17		P P	Y 2 3 H		S796 352001	55	3 P

PROGRAM CIE-SQRT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WHP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00146
DATE 10/01/82

EPN	MFG	MODEL	STATUS S E	***SEISMIC (S) PARAMETERS*** TH HL TEST ANL FO C	FRCQ	A/E DRAWING	A/E ZONE
DESCRIPTION	OLDG ELEV	DETAIL	USE	SAFETY FUNCTION	QID	CONTRACT	LEVEL EC
E-TRB-X105A/01 TERMINAL BLOCK FOR X-105A/01	T282	TRW-CINCH #27-541	P.P. C 501 100 D AZ	Y 2 3 H	S796 352002 55	3	P
E-TRB-X105A/02 TERMINAL BLOCK FOR X-105A/02	T282	TRW-CINCH #13-541	P.P. C 501 100 D AZ	Y 2 3 H	S797 352003 55	3	P
E-TRB-X105B/01 TERMINAL BLOCK FOR X-105B/01	T282	TRW-CINCH #27-541	P.P. C 501 135 D AZ	Y 2 3 H	S797 352002 55	3	P
E-TRB-X105B/02 TERMINAL BLOCK FOR X-105B/02	T282	TRW-CINCH #13-541	P.P. C 501 135 D AZ	Y 2 3 H	S797 352003 55	3	P
E-TRB-X105C/01 TERMINAL BLOCK FOR X-105C/01	T282	TRW-CINCH #27-541	P.P. C 523 195 D AZ	Y 2 3 H	S797 352002 55	3	P
E-TRB-X105C/02 TERMINAL BLOCK FOR X-105C/02	T282	TRW-CINCH #13-541	P.P. C 523 195 D AZ	Y 2 3 H	S797 352003 55	3	P
E-TRB-X105D/01 TERMINAL BLOCK FOR X-105D/01	T282	TRW-CINCH #27-541	P.P. C 501 225 D AZ	Y 2 3 H	S797 352002 55	3	P
E-TRB-X105D/02 TERMINAL BLOCK FOR X-105D/02	T282	TRW-CINCH #13-541	P.P. C 501 225 D AZ	Y 2 3 H	S797 352003 55	3	P
E-TRB-X107A/01 TERMINAL BLOCK FOR X-107A/01	C754	CURTIS #BI-15	P.P. C 501 52 D AZ	Y 2 3 H	S797 352001 55	3	P
E-TRB-X107A/02 TERMINAL BLOCK FOR X-107A/02	T282	TRW-CINCH #25-541	P.P. C 501 52 D AZ	Y 2 3 H	S797 352004 55	3	P
E-TRB-X107B/01 TERMINAL BLOCK FOR X-107B/01	C754	CURTIS #DI-15	P.P. C 411 150 D AZ	Y 2 3 H	S797 352001 55	3	P
E-TRB-X107B/02 TERMINAL BLOCK FOR X-107B/02	T282	TRW-CINCH #25-541	P.P. C 411 150 D AZ	Y 2 3 S797	S797 352004 55	3	P
E-X-100A NEUTRON MONITOR ELECTRICAL PENET	W120	55-00-0002	A.A. C 507 97 D AZ	Y 2 3 H	S796 382003 55	3	P
E-X-100B NEUTRON MONITOR ELECTRICAL PENET	W120	55-00-0002	A.A. C 507 103PAZ	Y 2 3 H	S796 382003 55	3	P
E-X-100C NEUTRON MONITOR ELECTRICAL PENET	W120	55-00-0002	A.A. C 511 315 D AZ	Y 2 3 H	S796 382003 55	3	P
E-X-100D NEUTRON MONITOR ELECTRICAL PENET	W120	55-00-0002	A.A. C 511 327PAZ	Y 2 3 H	S796 382003 55	3	P
E-X-101A CRD POS INDIC ELECTRICAL PENET	W120	55-00-0002	A.A. C 511 132PAZ	Y 2 3 H	S796 382003 55	3	P
E-X-101B CRD POS INDIC ELECTRICAL PENET	W120	55-00-0002	A.A. C 511 136PAZ	Y 2 3 H	S796 382003 55	3	P

EPN	MFG DESCRIPTION	MODEL	STATUS S E BLOG ELEV. DETAIL	***SEISMIC (S) PARAMETERS***				FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
				TH	HL	TEST	ANL F0 C			
				USE		SAFETY	FUNCTION	QID		
E-X-101C	W120 55-00-0002	A A		Y						
CRD POS INDIC ELECTRICAL PENET		C 511 312 D AZ		2 3	H			382003 55		3 P
E-X-101D	W120 55-00-0002	A A		Y						
CRD POS INDIC ELECTRICAL PENET		C 511 318DAZ		2 3	H			382003 55		3 P
E-X-102A	W120 55-00-0002	A A		Y						
T/C AND RTD ELECTRICAL PENETRATION		C 534 189DAZ		2 3	H			382003 55		3 P
E-X-102B	W120 55-00-0002	A A		Y						
T/C AND RTD ELECTRICAL PENETRATION		C 534 218DAZ		2 3	H			382003 55		3 P
E-X-103A	W120 55-00-0002	A A		Y						
MED VOLTAGE POWER ELECTRICAL PENET		C 534 203DAZ		2 3	H			382003 55		3 P
E-X-103B	W120 55-00-0002	A A		Y						
MED VOLTAGE POWER ELECTRICAL PENET		C 534 212DAZ		2 3	H			382003 55		3 P
E-X-103C	W120 55-00-0002	A A		Y						
MED VOLTAGE POWER ELECTRICAL PENET		C 534 305 D AZ		2 3	H			382003 55		3 P
E-X-103D	W120 55-00-0002	A A		Y						
MED VOLTAGE POWER ELECTRICAL PENET		C 534 322DAZ		2 3	H			382003 55		3 P
E-X-104A	W120 55-00-0002	A A		Y						
LOW VOLTAGE POWER ELECTRICAL PENET		C 511 112DAZ		2 3	H			382003 55		3 P
E-X-104D	W120 55-00-0002	A A		Y						
LOW VOLTAGE POWER ELECTRICAL PENET		C 511 115DAZ		2 3	H			382003 55		3 P
E-X-104C	W120 55-00-0002	A A		Y						
LOW VOLTAGE POWER ELECTRICAL PENET		C 534 192DAZ		2 3	H			382003 55		3 P
E-X-104D	W120 55-00-0002	A A		Y						
LOW VOLTAGE POWER ELECTRICAL PENET		C 534 222DAZ		2 3	H			382003 55		3 P
E-X-105A	W120 55-00-0002	A A		Y						
CONTROL AND INDIC ELECTRICAL PENET		C 507 100 D AZ		2 3	H			382003 55		3 P
E-X-105B	W120 55-00-0002	A A		Y						
CONTROL AND INDIC ELECTRICAL PENET		C 511 135 D AZ		2 3	H			382003 55		3 P
E-X-105C	W120 55-00-0002	A A		Y						
CONTROL AND INDIC ELECTRICAL PENET		C 534 195 D AZ		2 3	H			382003 55		3 P
E-X-105D	W120 55-00-0002	A A		Y						
CONTROL AND INDIC ELECTRICAL PENET		C 534 225 D AZ		2 3	H			382003 55		3 P
E-X-107A	W120 55-00-0002	A A		Y						
LO VOLT PUR/CNTL/IND ELECT PENET		C 475 52 D AZ		2 3	H			382003 55		3 P
E-X-107B	W120 55-00-0002	A A		Y						
LO VOLT PUR/CNTL/IND ELECT PENET		C 475 246IAZ		2 3	H			382003 55		3 P

EPH	MFG	MODEL	STATUS	***SEISMIC (S) PARAMETERS***	TH HL TEST ANL FO C	FREQ	A/E DRAWING	A/E ZONE
DESCRIPTION		BLDG ELEV	S E	USE SAFETY FUNCTION	QID	CONTRACT	LEVEL	EC
EDR-SPV-19	A929	WJHTB31654	R R	R H 114 03	33+	M537	D9	
PILOT VALVE FOR CONT ISO VLV V-19		R 426	N1/3.6	1 0 B1	315004	58	2	A
EDR-SPV-20	A929	WJHTB31654	R R	R H 114 03	33+	M537	D9	
PILOT VALVE FOR CONT ISO VLV V-20		R 471	N.0/3.9	1 0 B1	315004	58	2	A
FDR-LS-41			D D			M539	B11	
LD RIIR PHP RM A		R 422		1 0 F		215	2	A
FDR-LS-42			D D			M539	B11	
LD RIIR PHP RM B		R 422		1 0 F		215	2	A
FDR-LS-43			D D			M539	B10	
LD RIIR PHP RM C		R 422		1 0 F		215	2	A
FDR-LS-44			D D			M539	B13	
LD RCIC PHP RM		R 422		1 0 F		215	2	A
FDR-LS-45			D D			M539	B9	
LD LPCS PHP RM		R 422		1 0 F		215	2	A
FDR-LS-46			D D			M539	B8	
LD HPCS PHP RM		R 422		1 0 F		215	2	A
FDR-SPV-3	A929	WJHTB349A72	R R	R H 114 03	33+	M539	D6	
CONT. F R ISO VLV		R 426	N1/3.6	1 0 B1	315004	58	2	A
FDR-SPV-4	A929	WJHTB31654	R R	R H 114 03	33+	M539	D6	
SOLENOID PILOT FOR EDR-V-4 IR-65		R 471	N.0/3.9	1 0 B1	315004	58	2	A
FPC-DPIC-1	F110		A			M526	C9	
F/DH BYPASS FLOW CONTROL DP		R 476	H.4/6.8	2 0 G			3	A
FPC-DPIC-11	1204		R A			M526	C10	
F/DH BYPASS FLOW CONTROL DP		R 471	H.4/6.8	2 0 G		220	2	A
FPC-DPIC-12	1204		R A			M526	C10	
F/DH BYPASS FLOW CONTROL DP		R 471	H.4/6.8	2 0 G		220	2	A
FPC-FIC-21			D D			M526	J10	
FUEL POOL RECTIRC FLOW CONTROL		R 606		1 3 I		220	3	A
FPC-FI-16	R369	1153004	P P			M526	F9	
FLOW TRANS		R 522	N.0/R.1	1 3 I		156009	3	A
FPC-FI-17			R P			M526	F10	
FLOW TRAN OF FPC-V-746 & 747		R 467		2 3 A.G		156009	2	A
FPC-LIS-1A	1204	289A	D A	U H 121	10	M526	J9	
FPC-TK-1A HIGH-HIGH LEVEL		R 572	K.0/6.8	2 0 F	198009	215	2	A
FPC-LIS-1B	1204	289A	D	U H 121	10	M526	J8	
FPC-TK-1B HIGH-HIGH LEVEL		R 572	H.0/6.8	2 0 F	198009	215	2	A

EPN	HFG DESCRIPTION	MODEL	STATUS S E BLOG ELEV. DETAIL	***SEISMIC (S) PARAMETERS***			FREQ QID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
				TM	HL	TEST ANL FO C USE SAFETY FUNCTION			
FPC-LIS-2A	1204 282A		A A	V	N	121	10	M526	J9
FPC-TK-1A LEVEL CONTROL HIGH SIDE		R 572	K.0/6.8	2	0	F	198009	215	2
FPC-LIS-2B	1204 282A		A A	V	N	121	10	M526	JB
FPC-TK-1B LEVEL CONTROL HIGH SIDE		R 572	M.0/6.8	2	0	F	198009	215	2
FPC-LIS-3A1	1204 282A		A A	V	N	121	10	M526	J9
FPC-TK-1A LEVEL CONTROL LOW SIDE		R 572	K.0/6.9	2	0	F	198009	215	2
FPC-LIS-3A2	1204 282A		A A	V	N	121	10	M526	HB
FPC-TK-1A LOW-LOW LEVEL		R 572	K.0/6.9	2	3	F	198009	215	2
FPC-LIS-3B1	1204 282A		A A	H		121	10	M526	JB
FPC-TK-1B LEVEL CONTROL LOW SIDE		R 572	H.0/6.9	2	0	F	198009	215	2
FPC-LIS-3B2	1204 282A		A A	H		121	10	M526	HB
FPC-TK-1B LOW-LOW LEVEL		R 572	M.0/6.9	2	3	F	198009	220	2
FPC-LS-4			R M					M526	J11
FUEL POOL LEVEL		R 572		2	3	F, B2		215	2 A
FPC-LS-5			R M					M526	J10
FUEL POOL LEVEL		R 572		2	3	B2, F		215	2 A
FPC-LT-21			R B					M526	J10
FUEL POOL LEVEL		R 606		2	3	F		220	3 A
FPC-M-1A	V120 IAOP/326TS		P P					M526	D13
50HP/58A MOTOR FOR FPC-P-1A		R 550	M.2/8.5	2	3	F	213014	215	2
FPC-M-1B	V120 IAOP/326TS		P P					M526	C13
50HP/58A MOTOR FOR FPC-P-1B		R 549	M.2/3.6	2	3	F	213014	215	2
FPC-MO-153	L200 SHB-000-5		S A	P	Y	114	33+	M526	D11
MO FOR FPC-V-153		R 452	K/7.9	1	3	B1	221001	41A	2 A
FPC-MO-154	L200 SHB-000-5		S A	P	Y	114	33+	M526	D11
MO FOR FPC-V-154		R 452	J9/R	2	3	B1	221001	41A	2 A
FPC-MO-156	L200 SHB-00		S A	P	Y	114	33+	M526	C11
MO FOR FPC-V-156		R 468	K2/8.2	1	3	B1	221001	41A	2 A
FPC-MO-172			P P					M526	C9
MO FOR FPC-V-172		R 471	K.9/9.0	1	3	B2	221001	41A	2 A
FPC-MO-173			P P					M526	C8
MO FOR FPC-V-173		R 471	K/9.4	1	3	B2	221001	41A	2 A
FPC-MO-175			P P					M526	C10
MO FOR FPC-V-175		P 550		2	3	B2	221001	41A	2 A
FPC-MO-181A			P P					M526	E14
MO FOR FPC-V-181A		R 548		2	3	F	221001	41A	2

EPN	HFC	MODEL	STATUS S E	***SEISMIC (S) PARAMETERS***					FREQ	A/E DRAWING A/E CONTRACT	A/E ZONE LEVEL EC
				TH	HL	TEST	ANL	FO C			
DESCRIPTION		BLDG ELEV.	DETAIL	USE		SAFETY	FUNCTION		QID		
FPC-MQ-181D MQ FOR FPC-V-181B			P P						221001	M526 41A	D14 2
FPC-MQ-184 MQ FOR FPC-V-184			P P						221001	M526 41A	C9 2 A
FPC-PS-6A PUMP SUCTION PRESSURE P-1A	B070	D2T-M150SS	A A						256018	M526 58	E14 2 A
FPC-PS-6B PUMP SUCTION PRESSURE P-1B	B070	D2T-M150SS	A A						256018	M526 58	D14 2 A
FPC-PS-9A PUMP DISCHARGE PRESSURE P-1A	B070	B2T-M12SS	A A					R N 110	33+ 256002	M526 58	D13 2 A
FPC-PS-9B PUMP DISCHARGE PRESSURE P-1B	B070	B2T-M12SS	A A					R N 110	33+ 256002	M526 58	D13 2 A
FPC-RMS-P/1A RMS FOR FPC-P-1A			R P							M526	E14 3 A
FPC-RMS-P/1B RMS FOR FPC-P-1B			R P							M526	D14 3 A
FPC-SPV-1 FPC-V-1 F/DH BYPASS	A199	WJNP031654F	B A					R N 114 03	33+ 220	M526	C9 2 A
FPC-SPV-113 FPC CLEANUP BYPASS SOLENOID OPER.	A199	WJHI031654	A A					R N 114 03	33+ 315004	M526 215	C14 2 A
FPC-TE-6 MEASURES TEMP OF RECIRC. LINE			R D							M526 215	F9 2 A
FPC-TE-7 FUEL POOL			R D							M526 215	H11 2 A
FPC-TE-8 FUEL POOL			R D							M526 215	H10 2 A
FPC-TI-6 TEMP IND FOR FPC-TE-6			R D							M526 215	F9 3 A
FPC-TI-7 FUEL POOL			R D							M526 215	H10 3 A
FPC-TI-8 FUEL POOL			R D							M526 215	H10 3 A
HPCS-DPIS-9 HPCS BREAK LOGIC H22-P024	1204	2RRA	A A					R N 121	09 006001	M520 02122	J7 3 A
HPCS-FIS-6 HPCS DISCII	1204	209	A A					N 14 00	33+ 140001	M520 02122	B 3

PROGRAM CIE-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00151
DATE 10/01/82

EPN	HFG DESCRIPTION	MODEL	STATUS S E BLOC ELEV DETAIL	***SEISMIC (S) PARAMETERS*** TH HL TEST ANL FO C USE SAFETY FUNCTION	FREQ QID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
HPCS-FT-5 HPCS-P-1 DISCH	G082 50-555-11CMA9WCF	P P	M 1A 00	33+ M520	B4		
	R 471 L.2/3.9	1 0 I	156003 02E22	3 A			
HPCS-LMS-5 LMS FOR HPCS-V-5 CONT ISOL	H007 04836-0577	R P	Y	M520	H8		
	C 549 247 D AZ R17	2 0 C	200007 69	2 A			
HPCS-LS-2A SUPPRESSION POOL LVL HPCS VLV CNL	H040 3.5-751-1X-MPG-H148Y	A B	H 1A 00	M543	B14		
	R 465 J.5/4.1	1 0 C	207002 02E22	2 A			
HPCS-LS-2B SUPPRESSION POOL LVL HPCS VLV CNL	H040 159C4294P002	A B	H 1A 00	M543	B5		
	R 471 M/8.0	1 0 C	207002 02E22	2 A			
HPCS-M-1 3000HP/373A MOTOR DRIVER HPCS-P-1	G080 5K6357XC10A	R A	H	M520	B6		
	R 430 M.2/3.7	1 0 C	213032 02E22	2 A			
HPCS-M-3 15HP/18A MOTOR FOR HPCS-P-3	H120 7504786	A B		M520	C6		
	R 430 L.5/3.5	1 0 C	213016 35A	2 A			
HPCS-MO-1 1.6HP 3.4A MOTOR OPER. HPCS-V-1	L200 SMO-000-25/P12B	A A	P H 114	33+ M520	C7		
	R 435 M.0/4.0	1 0 C	221001 02E22	2 A			
HPCS-MO-10 26.0HP MOTOR OPERATOR HPCS-V-10	L200 SMR-3-150/C215Y	A A	N 114	33+ M520	E3		
	R 451 M/3.8	1 0 C	221001 02E22	2 A			
HPCS-MO-11 9.75HP MOTOR OPERATOR HPCS-V-11	L200 SMD-3-150/C212Y	A A	P H 114	33+ M520	E3		
	R 451 M/3.8	1 0 C	221001 02E22	2 A			
HPCS-MO-12 5HP 8.4A MOTOR OPER. HPCS-V-12	L200 SMD-2-40/C184Y	A A	P H 114	33+ M520	B5		
	R 430 M/3.4	1 0 C	221001 02E22	2 A			
HPCS-MO-15 MOTOR OPERATOR HPCS-V-15	L200 SMR-2	S A	P Y 114	33+ M520	07		
	R 455 L.4/3.8	1 0 C	221001 02E22	2 A			
HPCS-MO-23 9.75HP MOTOR OPERATOR HPCS-V-23	L200 SMD-4-150/C215Y	A A	P H 114	33+ M520	E5		
	R 451 L.6/3.9	3 0	221001 02E22	2 A			
HPCS-MO-4 26HP 35A MOTOR OPERATOR HPCS-V-4	L200 SMD-4	S A	P Y 114	33+ M520	G7		
	R 540 M.3/7.3	1 0 C	221001 02E22	2 A			
HPCS-PIS-13 HPCS-P-3 LOW DISCH ALARM H22-P024	I204 H2AAA	A A	N 121	09 M520	C4		
	R 475 L.2/3.9	1 0 I	245001 02E22	3 A			
HPCS-PS-12 HPCS-P-1 DISCH	S382 SH-AA3-X1051T	A A	R H 110	33+ M520	B5		
	H22-P024 R 471 L.2/3.9	1 0 C,E	256016 02F22	2 A			
HPCS-PS-3 HPCS-P-1 SUCTION	R240 SP-222-C	A A	R H 110	33+ M520	C6		
	R 471 L.2/3.9	2 0 G	256016 02E22	2 A			
HPCS-SPV-5 SOLENOID PILOT HPCS-V-5	A499 W5NP83165A	R	N 114 03	33+ M520	H7		
	R 506 L.2/4.1	3 0 G	315004 5R	2 A			
HY-SPV-17A 0.75"PILOT VLVE HY-V-18D		R		M530	E13		
	R 523 M/4.5	3 3 H1	215	2 A			

PROGRAM C1E-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00152
DATE 10/01/82

EPN	HFG DESCRIPTION	MODEL	BLDG ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***			FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TH	HL	TEST ANL FO C USE SAFETY FUNCTION			
HY-SPV-17D	0.75"PILOT VLVE HV-V-17B		R 523 J.8/7.3	R	3	3	B1	H530 215	E4 2	A
HY-SPV-18A	0.75"PILOT VLVE HY-V-18A		R 523 H/4.5	R	3	3	B1	H530 215	E13 2	A
HY-SPV-18D	0.75"PILOT VLVE HV-V-18B		R 523 J.8/7.3	R	3	3	B1	H530 215	E4 2	A
HY-SPV-19A	0.75"PILOT VLVE HY-V-19A		R 523 H/4.5	R	3	3	B1	H530	E13 2	A
HY-SPV-19D	0.75"PILOT VLVE HY-V-19B		R 523 J.8/7.3	R	3	3	B1	H530	E4 2	A
HY-SPV-20A	0.75"PILOT VLVE HY-V-20A		R 523 H/4.5	R	3	3	B1	H530	E13 2	A
IRM-CONN-1	A380 CAT. #82-320PLUG 11Y21		C 501 BENEATH RPV	A D	3	3	A	049004 02C51	807E162TC 02C51	3 P
IRM-CONN-2	A380 CAT. #82-321JACK TYP		C 501 BENEATH RPV	A D	3	3	A	049005 02C51	807E162TC 02C51	3 P
IRM-DET-2A	G080 112C3144GB INTER RGE DET IRM DETECT		C IN RPV	B D	3	3	Y 14 00	04 067001 02C51	807E162TC 02C51	2 A
IRM-DET-2B	G080 112C3144GB INTER RGE DET IRM DETECT		C IN RPV	B D	3	3	Y 14 00	04 067001 02C51	807E162TC 02C51	2 A
IRM-DET-2C	G080 112C3144GB INTER RGE DET IRM DETECT		C IN RPV	B D	3	3	Y 14 00	04 067001 02C51	807E162TC 02C51	2 A
IRM-DET-2D	G080 112C3144GB INTER RGE DET IRM DETECT		C IN RPV	B D	3	3	Y 14 00	04 067001 02C51	807E162TC 02C51	2 A
IRM-DET-2E	G080 112C3144GB INTER RGE DET IRM DETECT		C IN RPV	B D	3	3	Y 14 00	04 067001 02C51	807E162TC 02C51	2 A
IRM-DET-2F	G080 112C3144GB INTER RGE DET IRM DETECT		C IN RPV	B D	3	3	Y 14 00	04 067001 02C51	807E162TC 02C51	2 A
IRM-DET-2G	G080 112C3144GB INTER RGE DET IRM DETECT		C IN RPV	B D	3	3	Y 14 00	04 067001 02C51	807E162TC 02C51	2 A
IRM-DET-2H	G080 112C3144GB INTER RGE DET IRM DETECT		C IN RPV	B D	3	3	Y 14 00	04 067001 02C51	807E162TC 02C51	2 A
IRM-EAMP-2A	G082 163C1263AA6001 VOLTAGE PREAMP IRM		R 505 K.6/3.4	A D	3	3	N 04	106001 02C51	807E162TC 02C51	3 A
IRM-EAMP-2D	G082 163C1263AA6001 VOLTAGE PREAMP IRM		R 504 H.3/	A D	3	3	N 04	106001 02C51	807E162TC 02C51	3 A

PROGRAM CIE-SQRT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00153
DATE 10/01/82

EPN	HFG DESCRIPTION	MODEL	STATUS S E BLDG ELEV DETAIL	***SEISMIC (S) PARAMETERS***			FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
				TH	HL	TEST ANL FO C USE SAFETY EUNCTION			
IRM-EAMP-2C VOLTAGE PREAMP IRM	G082 H22-P032	16361263AA6001	A D C 501 L.5/3.5	R	N	09	106001	807E162TC 02C51	3 A
IRM-EAMP-2D VOLTAGE PREAMP IRM	G082 H22-P033	16361263AAG001	A D R 504 H.8/8.3	R	N	09	106001	807E162TC 02C51	3 TC A
IRM-EAMP-2E VOLTAGE PREAMP IRM	G082 H22-P030	163C1263AA6001	A D R 505 K.6/3.4	R	N	09	106001	807E162TC 02C51	3 TC A
IRM-EAMP-2F VOLTAGE PREAMP IRM	G082 H22-P031	163C1263AAG001	A D R 504 H.3/7.7	R	N	09	106001	807E162TC 02C51	3 TC A
IRM-EAMP-2G VOLTAGE PREAMP IRM	G082 H22-P032	16361263AA6001	A D C 501 L.5/3.5	R	N	09	106001	807E162TC 02C51	3 A
IRM-EAMP-2H VOLTAGE PREAMP IRM	G082 H22-P033	163C1263AAG001	A D R 504 H.8/8.3	R	N	14 00	33: 106001	807E162TC 02C51	3 TC A
LD-SPV-5A 3/4" SOL VALVE HS-V-22A	M095 282023		T C 508 10 D AZ		Y	F	315019	M529 215	2 F12 A
LD-SPV-5AA 3/4" SOL VALVE RVCU-V-102	M095 282023		T C 501 60 D AZ		Y	F	315019	M523 215	2 G15 A
LD-SPV-5B 3/4" SOL VALVE HS-V-22B	M095 282023		T C 508 50 D AZ		Y	F	315019	M529 215	2 E12 A
LD-SPV-5BB 3/4" SOL VALVE RVCU-V-106	M095 282023		T C 501 30 D AZ		Y	F	315019	M523 215	2 G12 A
LD-SPV-5C 3/4" SOL VALVE HS-V-22C	M095 282023		T C 509 340 D AZ		Y	F	315019	M529 215	2 F5 A
LD-SPV-5CC 3/4" SOL VALVE LPCS-V-6	M095 282023		T C 547 0 D AZ		Y	F	315019	M520 215	2 H10 A
LD-SPV-5D 3/4" SOL VALVE HS-V-22D	M095 282023		T C 509 350 D AZ		Y	F	315019	M529 215	2 E5 A
LD-SPV-5DD 3/4" SOL VALVE RCIC-V-66	M095 282023		T C 579		Y	F	315019	M519 215	2 J5 A
LD-SPV-5E 3/4" SOL VALVE RRC-V-23A	M095 282023		T C 504		Y	F	315019	M530 215	2 O12 A
LD-SPV-5EF 3/4" SOL VALVE HS-V-16	M095 282023		T C 503 25 D AZ		Y	F	315019	M529 215	2 C13 A
LD-SPV-5F 3/4" SOL VALVE RRC-V-23B	M095 282023		T C 505 315 D AZ		Y	F	315019	M530 215	2 D6 A
LD-SPV-5G 3/4" SOL VALVE RRC-V-60A	M095 282023		T C 507 120 D AZ		Y	F	315019	M530 215	2 D10 A

EPN	MFG	MODEL	STATUS S E	***SEISMIC (S) PARAMETERS*** TH HL TEST ANL FO C USE SAFETY FUNCTION	FREQ OID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
LD-SPV-5H 3/4" SOL VALVE RRC-V-60B	M095	282023	T	Y	315019	M530 215	DB 2 A
LD-SPV-5L 3/4" SOL VALVE RRC-V-67A	M095	282023	T	Y	315019	M530 215	E10 2 A
LD-SPV-5M 3/4" SOL VALVE RRC-V-67D	M095	282023	T	Y	315019	M530 215	EB 2 A
LD-SPV-5N 3/4" SOL VALVE RHR-V-9	M095	282023	T	Y	315019	M521 215	F10 2 A
LD-SPV-5Q 3/4" SOL VALVE RHR-V-41A	M095	282023	T	Y	315019	M521 215	G10 2 A
LD-SPV-5R 3/4" SOL VALVE RHR-V-41B	M095	282023	T	Y	315019	M521 215	G10 2 A
LD-SPV-5S 3/4" SOL VALVE RHR-V-41C	M095	282023	T	Y	315019	M521 215	G10 2 A
LD-SPV-5T 3/4" SOL VALVE RHR-V-50A	M095	282023	T	Y	315019	M521 215	G10 2 A
LD-SPV-5U 3/4" SOL VALVE RHR-V-50B	M095	282023	T	Y	315019	M521 215	G8 2 A
LD-SPV-5V 3/4" SOL VALVE HPCS-V-5	M095	282023	T	Y	315019	M520 215	G8 2 A
LD-SPV-5W 3/4" SOL VALVE RCIC-V-63	M095	282023	T	Y	315019	M519 215	H4 2 A
LD-SPV-5X 3/4" SOL VALVE RVCU-V-1	M095	282023	T	Y	315019	M523 215	F15 2 A
LD-SPV-5Y 3/4" SOL VALVE RVCU-V-100	M095	282023	T	Y	315019	M523 215	F15 2 A
LD-SPV-5Z 3/4" SOL VALVE RVCU-V-101	M095	282023	T	Y	315019	M523 215	F14 2 A
LD-TE-18A LD TE RHR EQUIP AREA AND TEMP	P427	282-N1A72	A H	N	99+ 339004	807E154TC/ 02E31	3B 2 A
LD-TE-18B LD TE RHR EQUIP AREA AND TEMP	P427	282-N1A72	A H	N	99+ 339004	807E154TC/ 02E31	3F 2 A
LD-TE-18C LD TE RHR EQUIP AREA AND TEMP	P427	282-N1A72	A H	N	99+ 339004	807E154TC/ 02E31	3B 2 A
LD-TE-18D LD TE RHR EQUIP AREA AND TEMP	P427	282-N1A72	A H	N	99+ 339004	807E154TC/ 02E31	3 2 A

EPN	MFG DESCRIPTION	MODEL	BLOG ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***			FREQ OID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TH	HL	TEST ANL FD C USE SAFETY FUNCTION			
LD-TE-1A	N070	145C3224P001		A M	N	N	01	99+	807E154TC/	2B2
LD TE RUCU PHP RH 1 INLET VENT			R 532 M.8/4.7		1	0	F,B1	339004	02E31	2 A
LD-TE-1B	N070	145C3224P001		A M	N	N	01	99+	807E154TC/	2F2
LD TE RUCU PHP RH 1 INLET VENT			R 532 M.6/4.4		1	0	F,B1	339004	02E31	2 A
LD-TE-1C	N070	145C3224P001		A M	N	N	01	99+	807F154TC/	2B4
LD TE RUCU PHP RH 2 INLET VENT			R 532 M.8/5.0		1	0	F,B1	339004	02E31	2 A
LD-TE-1D	N070	5641-R-DACAR		A M	N	N	01	99+	807E154TC/	2F4
LD TE RUCU PHP RH 2 INLET VENT			R 532 M.2/5.4		1	0	F,B1	339004	02E31	2 A
LD-TE-1E	P427	H145C3224P1		A M	N	N	01	99+	807E154TC/	2B5
LD TE RUCU HEAT EXCH RH INLET VENT			R 554 K.1/3.4		1	0	F,B1	339004	02E31	2 A
LD-TE-1F	P427	H145C3224P1		A M	N	N	01	99+	807E154TC/	2F5
LD TE RUCU HEAT EXCH RH INLET VENT			R 554 K.1/3.4		1	0	F,B1	339004	02E31	2 A
LD-TE-24A	N070	H145C3224P1		A M	N	N	01	99+	807E154TC/	2B
LD TE RCIC PIPE ROUTING AREA AMB			R 467		1	0	F,B1	339004	02E31	2 A
LD-TE-24B	N070	H145C3224P1		A M	N	N	01	99+	807E154TC/	2F
LD TE RCIC PIPE ROUTING AREA AMB			R 467		1	0	F,B1	339004	02E31	2 A
LD-TE-25A	N070	H145C3224P1		A M	N	N	01	99+	2-21-0602	2
LD TE RCIC PIPE ROUTE INLET VENT			R 436		3	0	C,F	339004	02E31	2 A
LD-TE-250	N070	H145C3224P1		A M	N	N	01	99+	807E154TC/	2F
LD TE RCIC PIPE ROUTE INLET VENT			R 436		1	0	F,B1	339004	02E31	2 A
LD-TE-26A	N070	H145C3224P1		B M	N	N	01	99+	807E154TC/	2E
LD TE RCIC PIPE ROUTE OUTLET VENT			R 467		1	0	F,B1	339004	02E31	2 A
LD-TE-26B	N070	H145C3224P1		B M	N	N	01	99+	807E154TC/	2K
LD TE RCIC PIPE ROUTE OUTLET VENT			R 467		1	0	F,B1	339004	02E31	2 A
LD-TE-27A	N070	H145C3224P1		A M	N	N	01	99+	807E154TC/	3B9
LD TE RHR EQUIP AREA INLET VENT			R 432 L5/9.4		1	0	F,B1	339004	02E31	2 A
LD-TE-27D	N070	H145C3224P1		A M	N	N	01	99+	807E154TC/	3F9
LD TE RHR EQUIP AREA INLET VENT			R 432 K9/9.4		1	0	F,B1	339004	02E31	2 A
LD-TE-27C	N070	H145C3224P1		A M	N	N	01	99+	807E154TC/	3B
LD TE RHR EQUIP AREA INLET VENT			R 432 L5/9.4		1	0	F,B1	339004	02E31	2 A
LD-TE-27D	N070	H145C3224P1		A M	N	N	01	99+	807E154TC/	3F
LD TE RHR EQUIP AREA INLET VENT			R 432 K9/9.4		1	0	F,B1	339004	02E31	2 A
LD-TE-28A	P427	2B2F9T37		A M	N	N	01	99+	807E154TC/	3E9
LD TE RHR EQUIP AREA OUTLET VENT			R 461 L3/9.3		1	0	F,B1	339004	02E31	2 A
LD-TE-28B	P427	2B2F9T37		A M	N	N	01	99+	807E154TC/	3K7
LD TE RHR EQUIP AREA OUTLET VENT			R 461 K.9/9.3		1	0	F,B1	339004	02E31	2 A

EPN	HFG DESCRIPTION	MODEL	STATUS S E DLOG ELEV DETAIL	***SEISMIC (S) PARAMETERS*** TH HL TEST ANL FO C USE SAFETY FUNCTION Q10	FREQ A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
LD-TE-28C	P427 282F9137	A M	R 461 L3/9.3	H 01 F,B1	99+ 807E154TC/ 339004 02E31	3E 2 A
LD-TE-28D	P427 282F9137	A M	R 465 K.9/9.3	H 01 F,B1	99+ 807E154TC/ 339004 02E31	3K 2 A
LD-TE-29A	P427 N145C3224P1	A M	R 502 H.4/5.8	H 01 F,B1	99+ 807E154TC/ 339004 02E31	3B5 2 A
LD-TE-29B	P427 N145C3224P1	A M	R 502 H.4/5.8	H 01 F,B1	99+ 807E154TC/ 339004 02E31	3B6 2
LD-TE-29C	P427 N145C3224P1	A M	R 502 H.4/6.6	H 01 F,B1	99+ 807E154TC/ 339004 02E31	3F5 2 A
LD-TE-29D	H070 N145C3224P1	A M	R 502 H.4/6.2	H 01 F,B1	99+ 807E154TC/ 339004 02E31	3F6 2 A
LD-TE-2A	P427 102-9039-08	A M	R 532 H.3/4.5	H N 01 F,B1	99+ 807E154TC/ 339004 02E31	2E2 2 A
LD-TE-2B	P427 102-9039-08	A M	R 532 H.3/4.5	H N 01 F,B1	99+ 807E154TC/ 339004 02E31	2K2 2 A
LD-TE-2C	P427 102-9039-08	A M	R 532 H.8/5.4	H N 01 F,B1	99+ 807E154TC/ 339004 02E31	2E4 2 A
LD-TE-2D	P427 102-9039-08	A M	R 532 H.8/5.4	H N 01 F,B1	99+ 807E154TC/ 339004 02E31	2K4 2 A
LD-TE-2E	P427 288F9734	A M	R 570 4.4/L.9	H 01 F,B1	99+ 807E154TC/ 339004 02E31	2E5 2 A
LD-TE-2F	P427 288F9734	A M	R 570 4.4/L.9	H 01 F,B1	99+ 807E154TC/ 339004 02E31	2K5 2 A
LD-TE-30A	P427 102-9039-08	A M	R 528 J.0/5.9	H N 01 F,B1	99+ 807E154TC/ 339004 02E31	3E5 2 A
LD-TE-30B	P427 102-9039-08	A M	R 526 J.0/5.6	H N 01 F,B1	99+ 807E154TC/ 339004 02E31	3E6 2 A
LD-TE-30C	P427 102-9039-08	A M	R 526 J.0/5.2	H N 01 F,B1	99+ 807E154TC/ 339004 02E31	3K5 2 A
LD-TE-30D	P427 102-9039-08	A M	R 526 J.0/6.1	H N 01 F,B1	99+ 807E154TC/ 339004 02E31	3K6 2 A
LD-TE-31A	P427 N145C3224P001	A M	R 502 H.7/5.8	H 01 F,B1	99+ 807E154TC/ 339004 02E31	3B7 2 A
LD-TE-31B	P427 N145C3224P001	A M	R 502 H.7/	H 01 F,B1	99+ 807E154TC/ 339004 02E31	3 2

PROGRAM CIE-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
UNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00157
DATE 10/01/82

EPN	HFG	MODEL	STATUS	SE	TH	HL	TEST	ANL	FO	C	FREQ	A/E DRAWING	A/E ZONE
DESCRIPTION		BLDG ELEV	DETAIL		USE		SAFETY FUNCTION				OID	CONTRACT	LEVEL EC
LD-TE-31C	P427	N145C3224P001	A.M		N		01				99+	807E154TC/	3F7
LD TE MH STM LINE TUNNEL AMP TEMP		R 502 H.7/6.6			1 0	F,B1					339004	02E31	2 A
LD-TE-31D	P427	N145C3224P001	A.M		N		01				99+	807E154TC/	3F8
LD TE MH STM LINE TUNNEL AMP TEMP		R 502 H.7/6.6			1 0	F,B1					339004	02E31	2 A
LD-TE-3A	P427	102-9039-08	A.M		N		01				99+	807E154TC/	2B9
LD TE RUCU PHP RH 1		R 532 H.5/4.6			1 0	F,B1					339004	02E31	2 A
LD-TE-3B	P427	102-9039-08	A.M		N		01				99+	807E154TC/	2F9
LD TE RUCU PHP RH 1		R 532 H.5/4.6			1 0	F,B1					339004	02E31	2 A
LD-TE-3C	P427	102-9039-08	A.M		N		01				99+	807E154TC/	2B
LD TE RUCU PHP RH 2		R 532 H.8/5.3			1 0	F,B1					339004	02E31	2 A
LD-TE-3D	P427	102-9039-08	A.M		N		01				99+	807E154TC/	2F
LD TE RUCU PHP RH 2		R 532 H.8/5.3			1 0	F,B1					339004	02E31	2 A
LD-TE-3E	P427	288F9T34	A.M		N		01				99+	807E154TC/	2B6
LD TE RUCU HEAT EXCH RH		R 570 4/L			1 0	F,B1					339004	02E31	2 A
LD-TE-3F	P427	288F9T34	A.M		N		01				99+	807E154TC/	2F6
LD TE RUCU HEAT EXCH RH		R 570 4.0/L.0			1 0	F,B1					339004	02E31	2 A
LD-TE-4A	P427	102-9039-08	A.M		N		01				99+	807E154TC/	3B4
LD TE RCIC EQUIP AREA		R 467 J.0/7.5			1 0	F,B1					339004	02E31	2 A
LD-TE-4B	P427	102-9039-08	A.M		N		01				99+	807E154TC/	3F4
LD TE RCIC EQUIP AREA		R 467 J.0/7.5			1 0	F,B1					339004	02E31	2 A
LD-TE-5A	N070	N145C3224P1	A.M		N		01				99+	807E154TC/	3B2
LD TE RCIC EQUIP AREA INLET VENT		R 436			1 0	F,B1					339004	02E31	2 A
LD-TE-5B	N070	N145C3224P1	A.M		N		01				99+	807E154TC/	3F2
LD TE RCIC EQUIP AREA INLET VENT		R 436			1 0	F,B1					339004	02E31	2 A
LD-TE-6A	P427	282-N1A72	A.M		N		01				99+	807E154TC/	3E2
LD TE RCIC EQUIP AREA OUTLET VENT		R 460 H.4/7.5			1 0	F,B1					339004	02E31	2 A
LD-TE-6B	P427	282-N1A72	A.M		N		01				99+	807E154TC/	3K2
LD TE RCIC EQUIP AREA OUTLET VENT		R 460 H.4/7.5			1 0	F,B1					339004	02E31	2 A
LPCS-DPIS-6	1204	288A	A.A		N	121					33+	H520	G11
INJECTION VALVE D/P	H22-P001	R 475 K.0/4.2			1 0	C					086001	02E21	2 A
LPCS-FIS-4	1204	289A	A.A		N	14	00				33+	H520	B14
LPCS-P-1 DISCH FLOW	H22-P011	R 475 K.0/4.2			1 0	C					140001	02E21	3 A
LPCS-FY-3	B080	555	A.P		N	14	00				33+	H520	B14
LPCS-P-1 DIS FLOW TX		R 473 K.0/4.2			1 0	C					156003	02E21	3 A
LPCS-H-1	G082	SK437X665A	R.A		N							H520	B12
1500HP/192A MOTOR DRIVER LPCS-P-1		R 429 K.2/3.0			1 0	C					213032	02E21	2 A

EPN	MFG	MODEL	STATUS	SE	TH HL TEST ANL FO C	FREQ	A/E DRAWING	A/E ZONE
DESCRIPTION		BLDG ELEV	DETAIL	USE	SAFETY FUNCTION	QID	CONTRACT	LEVEL EC
LPCS-MO-1	L200	SMB-0-40/J56	S A	P Y	119	33+	M520	011
1.62HP MOTOR OPERATOR LPCS-V-1		R 460 K/4.1		1 0	C,B1	221001	41A	2 A
LPCS-MO-11	L200	SMB-Q00-3/K48	S A	P Y	119	33+	M520	B13
MOTOR OPERATOR LPCS-FCV-11		R 425 K.2/3.5		1 0	C	221001	02E21	2 A
LPCS-MO-12	L200	SMB-3	A A	P H	114	33+	M520	E15
3.89HP MOTOR OPERATOR LPCS-V-12		R 460 K.0/3.6		1 0	C,B1	221001	41B	2 A
LPCS-MO-5	L200	SMB-3-100/254UR3	S A	P Y	119	33+	M520	G11
9.75HP MOTOR OPERATOR LPCS-V-5		R 530 L.8/4.3		1 0	C	221001	41A	2 A
LPCS-PIS-1	R290	SP-222-C	A H				M520	B13
LPCS-P-1 DISCH TO ADS PERMISSIVE		R 475 K.0/4.2		1 0	C,G	245003	02E21	2 A
LPCS-PS-5	B080	2AB	A H	R H	110	33+	M520	B14
LPCS-P-1 DISCHARGE H22-P001		R 471 K/4.2		2 0	G	256013	02H22	2 A
LPCS-PS-9	B069	PIH-M340SS-Y	A A	R H			M520	B13
LPCS PHP DISCH PS TO ADS PERMISSIV		R 471 K/4.2		1 0	C,G	256005	02E21	2 A
LPRH-DET-1	G080	163C1154G1	A D	V Y	04		807E163TC	
PWR RGE DET ASSH		C	IN RPV	3 0	A	067002	02B13	2 A
LPRH-DET-10	G080	163C1154G1	A D	V Y	04		807E163TC	
PWR RGE DET ASSH		C	IN RPV	3 0	A	067002	02B13	2 A
LPRH-DET-11	G080	163C1154G1	A D	V Y	04		807E163TC	
PWR RGE DET ASSH		C	IN RPV	3 0	A	067002	02B13	2 A
LPRH-DET-12	G080	163C1154G1	A D	V Y	04		807E163TC	
PWR RGE DET ASSH		C	IN RPV	3 0	A	067002	02B13	2 A
LPRH-DET-13	G080	163C1154G1	A D	V Y	04		807E163TC	
PWR RGE DET ASSH		C	IN RPV	3 0	A	067002	02B13	2 A
LPRH-DET-14	G080	163C1154G1	A D	V Y	04		807E163TC	
PWR RGE DET ASSH		C	IN RPV	3 0	A	067002	02B13	2 A
LPRH-DET-15	G080	163C1154G1	A D	V Y	04		807E163TC	
PWR RGE DET ASSH		C	IN RPV	3 0	A	067002	02B13	2 A
LPRH-DET-16	G080	163C1154G1	A D	V Y	04		807E163TC	
PWR RGE DET ASSH		C	IN RPV	3 0	A	067002	02B13	2 A
LPRH-DET-17	G080	163C1154G1	A D	V Y	04		807E163TC	
PWR RGE DET ASSH		C	IN RPV	3 0	A	067002	02B13	2 A
LPRH-DET-18	G080	163C1154G1	A D	V Y	04		807E163TC	
PWR RGE DET ASSH		C	IN RPV	3 0	A	067002	02B13	2 A
LPRH-DET-19	G080	163C1154G1	A D	V Y	04		807E163TC	
PWR RGE DET ASSH		C	IN RPV	3 0	A	067002	02B13	2 A

PROGRAM CIE-SQRT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LIST

PAGE NO 00159

DATE 10/01/82

EPN	MFG DESCRIPTION	MODEL	BLOG FLEV	STATUS S E DETAIL	**SEISMIC (S) PARAMETERS**			FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					IN	HL TEST	ANL FO C USE SAFETY FUNCTION			
LPRM-DET-2 PWR RGE DET ASSH	G080	163C1154G1	C	A D IN RPV	W Y	04	067002	807E163TC 02D13	2	A
LPRM-DET-20 PWR RGE DET ASSH	G080	163C1154G1	C	A D IN RPV	W Y	04	067002	807E163TC 02D13	2	A
LPRM-DET-21 PWR RGE DET ASSH	G080	163C1154G1	C	A D IN RPV	W Y	04	067002	807E163TC 02D13	2	A
LPRM-DET-22 PWR RGE DET ASSH	G080	163C1154G1	C	A D IN RPV	W Y	04	067002	807E163TC 02D13	2	A
LPRM-DET-23 PWR RGE DET ASSH	G080	163C1154G1	C	A D IN RPV	W Y	04	067002	807E163TC 02D13	2	A
LPRM-DET-24 PWR RGE DET ASSH	G080	163C1154G1	C	A D IN RPV	W Y	04	067002	807E163TC 02D13	2	A
LPRM-DET-25 PWR RGE DET ASSH	G080	163C1154G1	C	A D IN RPV	W Y	04	067002	807E163TC 02D13	2	A
LPRM-DET-26 PWR RGE DET ASSH	G080	163C1154G1	C	A D IN RPV	W Y	04	067002	807E163TC 02D13	2	A
LPRM-DET-27 PWR RGE DET ASSH	G080	163C1154G1	C	A D IN RPV	W Y	04	067002	807E163TC 02D13	2	A
LPRM-DET-28 PWR RGE DET ASSH	G080	163C1154G1	C	A D IN RPV	W Y	04	067002	807E163TC 02D13	2	A
LPRM-DET-29 PWR RGE DET ASSH	G080	163C1154G1	C	A D IN RPV	W Y	04	067002	807E163TC 02D13	2	A
LPRM-DET-3 PWR RGE DET ASSH	G080	163C1154G1	C	A D IN RPV	W Y	04	067002	807E163TC 02D13	2	A
LPRM-DET-30 PWR RGE DET ASSH	G080	163C1154G1	C	A D IN RPV	W Y	04	067002	807E163TC 02D13	2	A
LPRM-DET-31 PWR RGE DET ASSH	G080	163C1154G1	C	A D IN RPV	W Y	04	067002	807E163TC 02D13	2	A
LPRM-DET-32 PWR RGE DET ASSH	G080	163C1154G1	C	A D IN RPV	W Y	04	067002	807E163TC 02D13	2	A
LPRM-DET-33 PWR RGE DET ASSH	G080	163C1154G1	C	A D IN RPV	W Y	04	067002	807E163TC 02D13	2	A
LPRM-DET-34 PWR RGE DET ASSH	G080	163C1154G1	C	A D IN RPV	W Y	04	067002	807E163TC 02D13	2	A
LPRM-DET-35 PWR RGE DET ASSH	G080	163C1154G1	C	A D IN RPV	W Y	04	067002	807E163TC 02D13	2	A

EPN	MFG DESCRIPTION	MODEL	BLDG ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***			FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TM HL TEST ANL FO C USE SAFETY FUNCTION	010	010			
LPRM-DET-36 PWR RGE DET ASSH	G080	163C1154G1	C	A D IN RPV	W Y 3 0 A	04	067002	807E163TC 02B13	2	A
LPRM-DET-37 PWR RGE DET ASSH	G080	163C1154G1	C	A D IN RPV	W Y 3 0 A	04	067002	807E163TC 02B13	2	A
LPRM-DET-38 PWR RGE DET ASSH	G080	163C1154G1	C	A D IN RPV	W Y 3 0 A	04	067002	807E163TC 02B13	2	A
LPRM-DET-39 PWR RGE DET ASSH	G080	163C1154G1	C	A D IN RPV	W Y 3 0 A	04	067002	807E163TC 02B13	2	A
LPRM-DET-40 PWR RGE DET ASSH	G080	163C1154G1	C	A D IN RPV	W Y 3 0 A	04	067002	807E163TC 02B13	2	A
LPRM-DET-41 PWR RGE DET ASSH	G080	163C1154G1	C	A D IN RPV	W Y 3 0 A	04	067002	807E163TC 02B13	2	A
LPRM-DET-42 PWR RGE DET ASSH	G080	163C1154G1	C	A D IN RPV	W Y 3 0 A	04	067002	807E163TC 02B13	2	A
LPRM-DET-43 PWR RGE DET ASSH	G080	163C1154G1	C	A D IN RPV	W Y 3 0 A	04	067002	807E163TC 02B13	2	A
LPRM-DET-44	G080	A	C	A D IN RPV	W Y 3 0 A	04	067002	807E163TC 02B13	2	A
LPRM-DET-45	G080	A	C	A D IN RPV	W Y 3 0 A	04	067002	807E163TC 02B13	2	A
LPRM-DET-46	G080	A	C	A D IN RPV	W Y 3 0 A	04	067002	807E163TC 02B13	2	A
LPRM-DET-47	G080	A	C	A D IN RPV	W Y 3 0 A	04	067002	807E163TC 02B13	2	A
LPRM-DET-48	G080	A	C	A D IN RPV	W Y 3 0 A	04	067002	807E163TC 02B13	2	A
LPRM-DET-49	G080	A	C	A D IN RPV	W Y 3 0 A	04	067002	807E163TC 02B13	2	A
LPRM-DET-5 PWR RGE DET ASSH	G080	163C1154G1	C	A D IN RPV	W Y 3 0 A	04	067002	807E163TC 02B13	2	A
LPRM-DET-6 PWR RGE DET ASSH	G080	163C1154G1	C	A D IN RPV	W Y 3 0 A	04	067002	807E163TC 02B13	2	A
LPRM-DET-7 PWR RGE DET ASSH	G080	163C1154G1	C	A D IN RPV	W Y 3 0 A	04	067002	807E163TC 02B13	2	A

PROGRAM CIE-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00161
DATE 10/01/82

EPN	MFG	MODEL	STATUS	SEISMIC (S) PARAMETERS	FREQ	A/E DRAWING	A/E ZONE
DESCRIPTION		BLOG ELEV	S E	IN HL TEST ANL FO C	USE	CONTRACT	LEVEL EC
LPRH-DET-8 PWR RGE DET ASSM	G080	163C1154G1	A D	W Y 04	067002	007E163TC 02B13	2 A
LPRH-DET-9 PWR RGE DET ASSM	G080	163C1154G1	A D	W Y 04	067002	007E163TC 02R13	2 A
MS-DP1-5 MS DIF. PRESS. - H22-P010	G080	0227	R	2 0 G	243007	M530 02	G12 2 A
MS-DP1S-10A PCIS HI STM FLOW LINE C	B080	288	A A	R N 121	09	M529 58	E3 3 A
MS-DP1S-10B PCIS HI STM FLOW LINE C	B080	288	A A	R N 121	09	M529 58	E3 3 A
MS-DP1S-10C PCIS HI STM FLOW LINE C	B080	288	A A	R N 121	09	M529 58	E3 3 A
MS-DP1S-10D PCIS HI STM FLOW LINE C	B080	288	A A	R N 121	09	M529 58	E3 3 A
MS-DP1S-11A PCIS HI STM FLOW LINE D - H22-P015	I204	028A	A A	R N 121	09	M529 02H	D3 3 A
MS-DP1S-11B PCIS HI STM FLOW LINE D	B080	288A	A A	R N 121	09	M529 02E31	D3 3 A
MS-DP1S-11C PCIS HI STM FLOW LINE D	I204	288A	A A	R N 121	09	M529 02E31	C3 3 A
MS-DP1S-11D PCIS HI STM FLOW LINE D	I224	288A	A A	R N 121	09	M529 02E31	C3 3 A
MS-DP1S-9A PCIS HI STM FLOW LINE A - H22-P015	I204	028B	A A	R N 121	09	M529 02E31	E14 3 A
MS-DP1S-8B PCIS HI STM FLOW LINE A - H22-P022	B080	288A	A A	R N 121	09	M529 02E31	E14 3 A
MS-DP1S-9C PCIS HI STM FLOW LINE A	I204	288A	A A	R N 121	09	M529 02E31	E14 3 A
MS-DP1S-9D PCIS HI STM FLOW LINE A	I204	288A	A A	R N 121	09	M529 02E31	E14 3 A
MS-DP1S-9A PCIS HI STM LINE A	I204	028B	A A	R N 121	09	M529 02E31	D14 3 A
MS-DP1S-9B PCIS HI STM FLOW LINE B	I204	288A	A A	R N 121	09	M529 02E31	D14 3 A
MS-DP1S-9C PCIS HI STM FLOW LINE D	I204	288A	A A	R N 121	09	M529 02L31	C14 3 A

EPN	HFG	MODEL	STATUS		***SEISMIC (S) PARAMETERS***					FREQ	A/E DRAWING	A/E ZONE
			S E	DETAIL	TH	HL	TEST	ANL	FO C			
DESCRIPTION	BLOG	ELEV			USE	SAFETY	FUNCTION		QID	CONTRACT	LEVEL	EC
MS-DPIS-9D PCIS H1 STM FLOW LINE D.	1204	288A	A A		R N	121				09	M529	C14
				R 505 L.9/3.6	1 0	R1,1,F				086001	02E31	3 A
MS-DPT-32 MAIN STEAM DIFF PRESS RPV	G080	C555011NAAAVCA	A R		R N					M530		G12
				R 472 J.6/2.9	2 3	G				091004	02	2 A
MS-FI-33A MS FLOW - - H22-P010	G082	4UCH	A A							M530		H12
				R 471 M.5/4.5	2 3	G				156003	02	2 A
MS-FI-33D MS FLOW - - H22-P009	G082	50555111BNAAVCA	A A							M530		H6
				R 471 J.6/8.1	2 3	G				156003	02	2 A
MS-FI-33C MS FLOW - - H22-P010	G082	4EAB	A A							M530		H13
				R 471 M.5/4.5	2 3	G				156003	02	2 A
MS-FI-33D MS FLOW - - H22-P009	G082	50555111BNAAVCH	A A							M530		H5
				R 471 J.6/8.1	2 3	G				156003	02	2 A
MS-FI-34A NB-JP-1 FLOW TRANSMITTER	G080	555111BNAAVCA	A A		F		22	0.1		M530		H13
				R 471 M.5/4.5	2 3	G				156003	02	2 A
MS-FI-34B NB-JP-11 FLOW TRANSMITTER	G080	555111BNAAVCA	A A		F		22	0.0		M530		E2
				R 471 J.6/8.1	2 3	G				156003	02	2 A
MS-FI-34C NB-JP-2 FLOW TRANSMITTER	G080	555111BNAAVCA	A A		F		22	0.1		M530		H13
				R 471 M.5/4.5	2 3	G				156003	02	2 A
MS-FI-34D NB-JP-12 FLOW TRANSMITTER	G080	555111BNAAVCA	A A		F		22	0.0		M530		E2
				R 471 J.6/8.1	2 3	G				156003	02	2 A
MS-FI-34E NB-JP-3 FLOW TRANSMITTER	G080	555111BNAAVCA	A A		F		22	0.1		M530		H13
				R 471 M.5/4.5	2 3	G				156003	02	2 A
MS-FI-34F NB-JP-13 FLOW TRANSMITTER	G080	555111BNAAVCA	A A		F		22	0.0		M530		E2
				R 471 J.6/8.1	2 3	G				156003	02	2 A
MS-FI-34G NB-JP-4 FLOW TRANSMITTER	G082	4EAB	A A							M530		H13
				R 471 M.5/4.5	2 3	G				156003	02	2 A
MS-FI-34H NB-JP-14 FLOW TRANSMITTER	G082	50555111BNAAVCA	A A							M530		E2
				R 471 J.6/8.1	2 3	G				156003	02	2 A
MS-FI-34J NB-JP-5 FLOW TRANSMITTER	G082	4EAB	A A							M530		H13
				R 471 M.5/4.5	2 3	G				156003	02	2 A
MS-FI-34K NB-JP-15 FLOW TRANSMITTER	G082	50555111BNAAVCA	A A							M530		H5
				R 471 J.6/8.1	2 3	G				156003	02	2 A
MS-FI-34L NB-JP-6 FLOW TRANSMITTER H22-P013	G082	4EAB	A B							M530		H13
				R 471 M.5/4.5	2 3	G				156003	02	2 A
MS-FI-34M NB-JP-7 FLOW TRANSMITTER	G082	50555111BNAAVCA	A A							M530		E2
				R 471 J.6/8.1	2 3	G				156003	02	2 A

EPN	HFG DESCRIPTION	MODEL	BLDG ELEV	STATUS S E DETAIL	**SEISMIC (S) PARAMETERS**				FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TM	HL	TEST	ANL FO C			
					USE		SAFETY FUNCTION		QID		
MS-FI-34N	G082 4EAM			A A						M530	H13
NB-JP-7 FLOW TRANSMITTER	H22-P010		R 471	M.5/4.5	2	3	G		156003	02	2 A
MS-FI-34P	G082 555111BNAAA4UCA			A A						M530	F2
NB-JP-17 FLOW TRANSMITTER	H22-P010		R 471	M.5/4.5	2	3	G		156003	02	2 A
MS-FI-34R	G082 4EAM			A A						M530	H13
NB-JP-8 FLOW TRANSMITTER	H22-P010		R 471	M.5/4.5	2	3	G		156003	02	2 A
MS-FI-34S	G082 555111BNAAA4UCA			A B						M530	E2
NB-JP-18 FLOW TRANSMITTER	H22-P010		R 471	J.6/8.1	2	3	G		156003	02	2 A
MS-FI-34T	G082 4EAM			A A						M530	H14
NB-JP-9 FLOW TRANSMITTER	H22-P010		R 471	M.5/4.5	2	3	G		156003	02	2 A
MS-FI-34U	G082 555111BNAAA4UCA			A A						M530	E2
NB-JP-19 FLOW TRANSMITTER	H22-P010		R 471	J.6/8.1	2	3	G		156003	02	2 A
MS-FI-34V	G082 4EAM			A A						M530	H14
NB-JP-10 FLOW TRANSMITTER	H22-P010		R 471	M.5/4.5	2	3	G		156003	02	2 A
MS-FI-34W	G080 555111BNAAA4UCA			A A						M530	H14
MS FLOW - - H22-P009			R 471	J.6/8.1	2	3	G		156003	02	2 A
MS-LIS-24A	I204 16483			A A	R	N	121		09	M529	H12
REACTOR LEVEL 3 AND 8 TRIPS	H22-P027		R 525	H.4/7.1	1	0	A,B1,C		198001	02B22	2 A
MS-LIS-24B	I204 16483			A A	R	N	121		09	M529	J5
MS LEVEL	H22-P027		R 527	M7/6.8	1	0	A,B1		198001	02B22	2
MS-LIS-24C	I204 16483			A A	R	N	121		09	M529	H5
MS LEVEL	H22-P005		R 526	N8/5.8	1	0	A,B1,C		198001	02B22	2 A
MS-LIS-24D	I204 16483			A A	R	N	121		09	M529	J12
MS LEVEL	H22-P026		R 530	J.9/4.5	1	0	A,B1		198001	02B22	2 A
MS-LIS-31A	I204 16483			A A	R	N	121		09	M529	H14
VESSEL LEVEL FOR HPCS	H22-P004		R 525	4.5/7.4	1	0	C		198001	02B22	2 A
MS-LIS-31B	I204 16483			A A	R	N	121		09	M529	H14
VESSEL LEVEL FOR HPCS	H22-P005		R 526	N.8/5.8	1	0	C		198001	02B22	2 A
MS-LIS-31C	I204 16483			A A	R	N	121		09	M529	H14
VESSEL LEVEL FOR HPCS	H22-P004		R 525	4.5/7.1	1	0	C		198001	02B22	2 A
MS-LIS-31D	I204 16483			A A	R	N	121		09	M529	H14
VESSEL LEVEL FOR HPCS	H22-P004		R 526	N.8/5.8	1	0	C		198001	02B22	2 A
MS-LIS-36A	Y010 33961			A A	U	N	14 00		33+	M529	J14
MS LEVEL	H22-P026		R 530	J.9/4.5	1	0	C		198002	02B22	2 A
MS-LIS-36B	Y010 4418C			A A	N	14 00			33+	M529	J14
MS LEVEL	H22-P027		R 522	JR/4.6	2	0	C		198002	02B22	2 A

EPN	MFG DESCRIPTION	MODEL	STATUS S E BLOG ELEV DETAIL	***SEISMIC (S) PARAMETERS***			FREQ QID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
				TH	HL	TEST ANL FO C USE SAFETY FUNCTION			
MS-LIS-36C	Y010 4418C		A A	F	H	14 00	33+	M529	H4
MS LEVEL	H22-P026		R 524 J.9/4.5	1	0	C	198002	02022	2 A
MS-LIS-36R	Y010 4418C		A A	F	H	14 00	33+	M529	H4
MS LEVEL	H22-P027		R 527 H.7/6.8	1	0	C	198002	02022	2 A
MS-LIS-37A	I204 16483		A A	R	H	121	09	M529	J13
MS LEVEL	H22-P026		R 530 J/4.5	1	0	A	198001	02022	2 A
MS-LIS-37B	I204 16483		A A	R	H	121	09	M529	H4
MS LEVEL	H22-P027		R 527 H.7/6.8	1	0	A	198001	02022	2 A
MS-LIS-37C	I204 16483		A A	R	H	121	09	M529	J13
MS LEVEL	H22-P026		R 524 J.9/4.5	1	0	A	198001	02022	2 A
MS-LIS-37D	I204 16483		A A	R	H	121	09	M529	H4
MS LEVEL	H22-P027		R 527 H.7/6.8	1	0	A	198001	02022	2 A
MS-LIS-3DA	B080 288A		A A	R	H	121	09	M529	J12
MS LEVEL	H22-P026		R 524 J.9/4.5	1	0	A	198001	02022	2 A
MS-LIS-3RB	I204 958-943-467-247		A A	R	H	121	09	M529	J5
MS LEVEL	H22-P027		R 527 H.7/6.8	1	0	A	198001	02022	2 A
MS-LITS-26A	I204 760		P M	F	H	14 00	33+	M529	H13
MS LEVEL - H22-P004			R 530 J/4.5	1	0	A	199001	02022	2 A
MS-LITS-26B	I204 943-958-93		P M	F	H	14 00	33+	M529	H4
MS LEVEL			R 527 H.7/6.8	1	0	A	199001	02022	2 A
MS-LITS-26C	B080 760		P M	H		14 00	33+	M529	H4
MS LEVEL	H22-P005		R 526 H8/5.8	1	0	A	199001	02022	2 A
MS-LITS-26D	B080 760		P M	H		14 00	33+	M529	J13
MS LEVEL	H22-P026		R 522 J8/14.6	1	0	A	199001	02022	2 A
MS-LITS-44A	I204 760		P M				199001	M530 02022	H14
MS LEVEL TRIP	H22-P010		R 471 H.5/4.5	1	0	A			2 A
MS-LITS-44B	I204 760		P M	H		14 00	33+	M530	66
MS LEVEL TRIP	H22-P009		C 471 J.6/8.1	1	0	A	199001	02022	2 A
MS-LI-27	B042 555		A P	R	H			M529	J4
MS LEVEL	H22-P027		R 523 H.R/6.6	1	0	G, I	209005	02H22	2 A
MS-MO-15	L200 SHB-000-7.5/L55		S A	P	Y	114	33+	M529	B13
MOTOR OPERATOR MS-V-16			C 504 0 D AZ R37	1	3	B1, F	221001	41A	2 A
MS-MO-19	L200 SHB-000-5/D56A		A A	P	H	114	33+	M529	B14
0.36HP 3.0A MOTOR OPERATOR MS-V-19			R 504 P.R/6.2	1	3	H1, F	221001	41A	2 A
MS-MO-20	L200 SHB-00-10/L56			P	Y	114	33+	M529	C
.66HP MOTOR OPERATOR MS-V-20			R 504 H1/5	3	3		221001	41B	2

PROGRAM CIE-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00165
DATE 10/01/82

EPN	MFG DESCRIPTION	MODEL	STATUS S E BLDG ELEV DETAIL	SEISMIC (S) PARAMETERS 1M HL TEST ANL FO C USE SAFETY FUNCTION	FREQ QID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
MS-MO-67A	L200 SMB-000-5/ .5 HP MOTOR OPERATOR FOR MS-V-67A		C A R 501 H7/5.8	P 114 1 3 01.F	33+ 221001	M529 215	F13 2 A
MS-MO-67B	L200 SMB-000-5/ .5 HP MOTOR OPERATOR FOR MS-V-67B		C A R 501 H7/5.6	P 114 1 3 01.F	33+ 221001	M529 215	D13 2 A
MS-MO-67C	L200 SMB-000-5/ .5 HP MOTOR OPERATOR FOR MS-V-67C		C A R 501 H7/6.4	P 114 1 3 01.F	33+ 221001	M529 215	F4 2 A
MS-MO-67D	L200 SMB-000-5/ .5 HP MOTOR OPERATOR FOR MS-V-67D		C A R 501 H7/6.2	P 114 1 3 01.F	33+ 221001	M529 215	D4 2 A
MS-PS-20A	B069 164C5359P001R00 MAIN STEAM ISO. VLV SCRAM INTLK		A B R 525 J.5/7.1	R N 1 0 A		M529 02B22	H12 2 A
MS-PS-20B	B069 164C5359P001R02 HS ISO VLV SCRAM INTLK		A B R 524 H.7/6.8	R N 1 0 A		M529 02B22	J5 2 A
MS-PS-20C	B069 164C5359P001R03 HS ISO VLV SCRAM INTLK		A B R 526 H.8/5.8	R N 1 0 A		M529 02B22	H5 2 A
MS-PS-20D	B069 164C5359P001R02 HS ISO VLV SCRAM INTLK		A B R 542 J.9/4.5	R N 1 0 A		M529 02B22	J12 2 A
MS-PS-23A	B069 164C5359P001R03 HIGH VESSEL PRESSURE		A B R 575 J.5/7.1	R N 1 0 A		M529 02B22	H13 2 A
MS-PS-23B	B069 164C5359P001R02 HIGH VESSEL PRESSURE		A B R 524 H.7/6.8	R N 1 0 A		M529 02B22	J5 2 A
MS-PS-23C	B069 164C5359P001R03 HIGH VESSEL PRESSURE H22-P035		A B R 526 H.8/5.8	R N 1 0 A		M529 02B22	H5 2 A
MS-PS-23D	B069 164C5359P001R02 HIGH VESSEL PRESSURE H22-P026		A B R 524 J.9/4.5	R N 1 0 A		M529 02B22	J13 2 A
MS-PS-39A	B069 164C5359P001R02 RELIEF VLV PRESS SWITCH		A B R 524 J.9/4.5	R N 3 0		M529 02B22	J13 2 A
MS-PS-39B	B069 164C5359P001R02 RELIEF VLV PRESS SWITCH		A B R 524 J.9/4.5	R N 3 0		M529 02B22	J13 2 A
MS-PS-39C	B069 164C5359P001R02 RELIEF VLV PRESS SWITCH		A B R 524 J.9/4.5	R N 3 0		M529 02B22	J13 2 A
MS-PS-39D	B069 164C5359P001R02 RELIEF VLV PRESS SWITCH		A B R 524 J.9/4.5	R N 3 0		M529 02B22	J13 2 A
MS-PS-39E	B069 164C5359P001R02 RELIEF VLV PRESS SWITCH		A B R 524 J.9/4.5	R N 3 0		M530 02B22	J15 2 A
MS-PS-39F	B069 164C5359P001R02 RELIEF VLV PRESS SWITCH		A B R 524 J.1/4.5	R N 3 0		M529 02B22	J13 2 A

EPN	MFG	MODEL	STATUS		SEISMIC (S) PARAMETERS			FREQ	A/E DRAWING	A/E ZONE
			S E	TH HL TEST ANL FO C	USE	SAFETY FUNCTION	QID			
DESCRIPTION		BLOG ELEV.	DETAIL					CONTRACT	LEVEL	EC
MS-PS-39G RELIEF VLV PRESS SWITCH	B069	164C5359P001R02	A B	R N	3 0		256002	M529 02B22	J13	A
MS-PS-39H RELIEF VLV PRESS SWITCH	B069	164C5359P001R02	A B	R N	3 0		256002	M529 02B22	J13	A
MS-PS-39J RELIEF VLV PRESS SWITCH	B069	164C5359P001R02	A B	R N	3 0		256002	M529 02B22	J13	A
MS-PS-39K RELIEF VLV PRESS SWITCH	B069	164C5359P001R02	A B	R N	3 0		256002	M529 02B22	J13	A
MS-PS-39L RELIEF VLV PRESS SWITCH	B069	164C5359P001R02	A B	R N	3 0		256002	M529 02B22	J13	A
MS-PS-39M RELIEF VLV PRESSURE SWCH H22-P26	B069	164C5359P001R03	A B	R N	3 0		256002	M529 02B22	J13	A
MS-PS-39N RELIEF VLV PRESS SWITCH	B069	164C5359P001R03	A B	R N	3 0		256002	M529 02B22	J13	A
MS-PS-39P RELIEF VLV PRESS SWITCH	B069	164C5359P001R02	A B	R N	3 0		256002	M529 02B22	J13	A
MS-PS-39R RELIEF VLV PRESS SWITCH	B069	164C5359P001R03	A B	R N	3 0		256002	M529 02B22	J13	A
MS-PS-39S RELIEF VLV PRESS SWITCH	B069	164C5359P001R03	A B	R N	3 0		256002	M529 02B22	J13	A
MS-PS-39U RELIEF VLV PRESS SWITCH	B069	164C5359P001R03	A B	R N	3 0		256002	M529 02B22	J13	A
MS-PS-39V RELIEF VLV PRESS SWITCH	B069	164C5359P001R03	A B	R N	3 0		256002	M529 02B22	J13	A
MS-PS-45A MS PRESSURE	B069	164C5359P001R03	A B	R N	1 0	C	256002	M529 02B22	J13	A
MS-PS-45C MS PRESSURE	B069	164C5359P001R03	A B	R N	1 0	C	256002	M529 02B22	J5	A
MS-PS-45D MS PRESSURE	B069	164C5359P001R03	A B	R N	1 0	C	256002	M529 02B22	J5	A
MS-PS-47A DRYWELL	S382	12N-AA5-S10TT	A A	R N	110		33+ 256016	M529 02B22	G12	A
MS-PS-47H DRYWELL PRESS FOR HPCS	S382	12N-AA5-X10TT	A A	R N	110		33+ 256016	M529 02B22	G4	A
MS-PS-47C DRYWELL PRESSURE	S382	12N-AA5-X10TT	A A	R N	110		33+ 256016	M529 02B22	G1	A

PROGRAM CLE-SQRT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00167
DATE 10/01/82

EPN	MFG DESCRIPTION	MODEL	BLDG ELEV	STATUS S E DETAIL	**SEISMIC (S) PARAMETERS**				FREQ OID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TH	HL	TEST	ANL FO C			
MS-PS-47D	DRYWELL PRESS FOR HPCS	S382 12H-AA5-MPII H22-P005	R 526 H.8/5.8	A A	R	N	110	1 0 C	33+ 256016	M529 02B22	G4 2 A
MS-PS-48A	DRYWELL PRESSURE	S382 12-AA5-X1051TT H22-P026	R 535 J.5/4.5	A A	R	N	119	1 0 C	33+ 256016	M529 02B22	G12 2 A
MS-PS-48D	DRYWELL PRESSURE	S382 12-AA5-X1051TT H22-P027	R 527 H.7/6.8	A A	R	N	110	1 0 C	33+ 256016	M529 02022	G5 2 A
MS-PS-48C	DRYWELL PRESSURE	S382 12H-AA5-X1051TT H22-P026	R 535 J.5/4.5	A A	R	N	110 00	1 0 C	33+ 256016	M529 02B22	G12 2 A
MS-PS-48D	DRYWELL PRESSURE	S382 12H-AA5-X1051TT H22-P027	R 527 H.7/6.8	A A	R	N	110	1 0 C	33+ 256016	M529 02B22	G5 2 A
MS-PT-51A	MS PRESSURE - - H22-P026	B042 556	R 523 J.4/7.1	A P	F	H	19 00	1 0 I	33+ 259001	M529 02B22	H12 2 A
MS-PT-51B	MS PRESSURE - - H22-P027	B042 556	R 523 H.7/6.8	A P	H	19 00		1 0 I	33+ 259001	M529 02B22	J4 2 A
MS-RE-3A	MAIN STEAM LINE "A" RADIATION	G080 237X731G001	R 508 H7/5.9	R D				1 0 A	277002	M502 02D17	D2 2 A
MS-RE-3B	MAIN STEAM LINE "B" RADIATION	G080 237X731G001	R 508 H7/5.6	R D				1 0 A	277002	M502 02D17	D1 2 A
MS-RE-3C	MAIN STEAM LINE "C" RADIATION	G080 237X731G001	R 508 H7/6.4	R D				1 0 A	277002	M502 02D17	D2 2 A
MS-RE-3D	MAIN STEAM LINE "D" RADIATION	G080 237X731G001	R 508 H7/6.1	R D				1 0 A	277002	M502 02D17	D1 2 A
MS-SPV-1AC	SPV FOR MS-RV-1A	G080 921D88GNG001	C 543 25 0 A2 R20	R D				3 0 Y	315021	M529 02	B3 2 A
MS-SPV-1BC	SPV FOR MS-RV-1B	G080 921D88GNG001	C 543 30 0 A2 R25	R D				3 0 Y	315021	M529 02	B3 2 A
MS-SPV-1CC	SPV FOR MS-RV-1C	G080 921D88GNG001	C 543 315 0 A2 R25	R D				3 0 Y	315021	M529 02	B3 2 A
MS-SPV-1DC	SPV FOR MS-RV-1D	G080 921D88GNG001	C 543 335 0 A2 R20	R D				3 0 Y	315021	M529 02	B3 2 A
MS-SPV-22A1	NN STM ISO VLV 22A TEST SOLENOID	A610 HTXB320A20	C 513 5 0 A2 R27	P D				3 0 Y	315011	M529 02B22	J3 2 A
MS-SPV-22A2	MS-V-22A PILOT SOLENOID		C 513 5 0 A2 R27	P P				1 3 Y B1	315011	M529 02D22	J3 2 A
MS-SPV-22A3	MS-V-22A PILOT SOLENOID		C 513 5 0 A2 R27	P P				1 3 Y B1	315011	M529 02R22	J3 2 A

PROGRAM CIE-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
UNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00168
DATE 10/01/82

EPN	MFG	MODEL	STATUS S E	***SEISMIC (S) PARAMETERS***					FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
				TH	HL	TEST	ANL	FO C			
DESCRIPTION		BLDG ELEV	DETAIL	USE		SAFETY	FUNCTION		QID		
MS-SPV-22B1 MN STM ISO VLV 22B TEST SOLENOID	A610	HTX-B320A20	P D	P	Y				315011	M529 02B22	J3 2 A
MS-SPV-22D2 MS-V-22B PILOT SOLENOID			P P		Y				315011	M529 02B22	J3 2 A
MS-SPV-22B3 MS-V-22B PILOT SOLENOID			P P		Y				315011	M529 02B22	J3 2 A
MS-SPV-22C1 MN STM ISO VLV 22C TEST SOLENOID	A610	HTX-B320A20	P D	P	Y				315011	M529 02B22	J3 2 A
MS-SPV-22C2 MS-V-22C PILOT SOLENOID	A442		P P		Y				315011	M529 02B22	J3 2 A
MS-SPV-22C3 MS-V-22C PILOT SOLENOID	A442		P P		Y				315011	M529 02B22	J3 2 A
MS-SPV-22D1 MN STM ISO VLV 22D TEST SOLENOID	A610	HTX-B320A20	P D	P	Y				315011	M529 02B22	J3 2 A
MS-SPV-22D2 MS-V-22D PILOT SOLENOID			P P		Y				315011	M529 02B22	J3 2 A
MS-SPV-22D3 MS-V-22D PILOT SOLENOID			P P		Y				315011	M529 02B22	J3 2 A
MS-SPV-28A1 MN STM ISO VLV A TEST SOLENOID	A610	HTX-B320A20	P D	P	Y				315011	M529 02B22	F13 3 A
MS-SPV-28A2 MS-V-28A PILOT SOLENOID			P P						315011	M529 02B22	F13 2 A
MS-SPV-28A3 MS-V-28A PILOT SOLENOID			P P						315011	M529 02B22	F13 2 A
MS-SPV-28B1 MN STM ISO VLV 28B TEST SOLENOID	A610	HTX-B320A20	P D	P	Y				315011	M529 02B22	F13 3 A
MS-SPV-28D2 MS-V-28B PILOT SOLENOID			P P						315011	M529 02B22	F13 2 A
MS-SPV-28D3 MS-V-28B PILOT SOLENOID			P P						315011	M529 02B22	F13 2 A
MS-SPV-28C1 MN STM ISO VLV 28C TEST SOLENOID	A610	HTX-B320A20	P D	P	Y				315011	M529 02B22	F4 3 A
MS-SPV-28C2 MS-V-28C PILOT SOLENOID			P P							M529 02B22	F04 2 A
MS-SPV-28C3 MN STM ISO VLV 28C PILOT SOLENOID			P P							M529 02B22	F04 2 A

PROGRAM CIE-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
MWP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00169
DATE 10/01/82

QPN	MFG DESCRIPTION	MODEL	STATUS S E BLDG ELEV DETAIL	***SEISMIC (S) PARAMETERS*** TM ILL TEST ANL FO C USE SAFETY FUNCTION	FREQ QID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
MS-SPV-2ND1	A613	111XA32QA20	P D	P Y		M529	F4
MH STM ISO VLV 280 TEST SOLENOID		R 513 11.3/6.1	3 0		315011	02B22	3 A
MS-SPV-2ND2			P P			M529	E04
HS-V-280 PILOT SOLENOID		R 513 11.3/6.1	1 3 B1		315011	02B22	2 A
MS-SPV-2ND3			P P			M529	E04
HS-V-280 PILOT SOLENOID		R 513 11.3/6.1	1 3 B1		315011	02B22	2 A
MS-SPV-2AC	G080	921D88GNG001	R D	Y		M529	B3
SPV FOR HS-RV-2A		C 543 30 D AZ R20	3 0		315021	02	2 A
MS-SPV-2BC	G080	921D88GNG001	R D	Y		M529	B3
SPV FOR HS-RV-2B		C 543 45 D AZ R25	3 0		315021	02	2 A
MS-SPV-2CC	G080	921D88GNG001	R D	Y		M529	B3
SPV FOR HS-RV-2C		C 543 300 D AZ R25	3 0		315021	02	2 A
MS-SPV-2DC	G080	921D88GNG001	R D	Y		M529	B3
SPV FOR HS-RV-2D		C 543 320 D AZ R20	3 0		315021	02	2 A
MS-SPV-3AC	A613	C-5246	R D	Y		M529	B3
SPV FOR HS-RV-3A		C 543 45 D AZ R20	3 0		315021	02	2 A
MS-SPV-3BC	A613	C-5246	R D	Y		M529	B3
SPV FOR HS-RV-3B		C 543 67 D AZ R20	3 0		315021	02	2 A
MS-SPV-3CC	A613	C-5246	R D	Y		M529	B3
SPV FOR HS-RV-3C		C 543 290 D AZ R20	3 0		315021	02	2 A
MS-SPV-3DA	A613	C-5246	R R	Y		M529	K15
ADS PILOT FOR HS-RV-3D		C 547 310 DEG AZ	1 0 C+E		315008	02B22	2 A
MS-SPV-3DI	A613	C-5246	R R	Y		M529	08
SOLENOID PILOT FOR HS-RV-3D		C 547 310 DEG AZ	1 0 C		315008	02B22	2 A
MS-SPV-3DC	A613	C-5246	R D	Y		M529	K15
SPV FOR HS-RV-3D		C 543 310 D AZ R20	3 0		315021	02	2 A
MS-SPV-4AA	A613	C-5246	R R	Y		M529	K15
ADS PILOT FOR HS-RV-4A		C 547 62 DEG AZ	1 0 C+E		315008	02B22	2 A
MS-SPV-4AD	A613	C-5246	R R	Y		M529	K15
ADS PILOT FOR HS-RV-4A		C 547 62 DEG AZ	1 0 C+E		315008	02B22	2 A
MS-SPV-4AC	A613	C-5246	R D	Y		M529	K15
SPV FOR HS-RV-4A		C 543 55 D AZ R20	3 0		315021	02	2 A
MS-SPV-4DA	A613	C-5246	R R	Y		M529	K15
ADS PILOT FOR HS-RV-4B		C 547 75 DEG AZ	1 0 C+E		315008	02B22	2 A
MS-SPV-4DB	A613	C-5246	R R	Y		M529	K15
ADS PILOT FOR HS-RV-4B		C 547 75 DEG AZ	1 0 C+E		315008	02B22	2 A

PROGRAM CJE-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00170
DATE 10/01/82

EPN	MFG	MODEL	STATUS S E	***SEISMIC (S) PARAMETERS*** TH HL TEST ANL FO C	FREQ	A/E DRAWING	A/E ZONE
DESCRIPTION		DLQG ELEV	DETAIL	USE SAFETY FUNCTION	QID	CONTRACT	LEVEL EC
MS-SPV-4DC SPV FOR MS-RV-4B	A613	C-5296	R.D	Y	315021	M529 02	K15 2 A
MS-SPV-4CA ADS PILOT FOR MS-RV-4C	A613	C-5296	R.B	Y	315008	M529 02B22	K15 2 A
MS-SPV-4CB ADS PILOT FOR MS-RV-4C	A613	C-5296	R.B	Y	315008	M529 02B22	K15 2 A
MS-SPV-4CC SPV FOR MS-RV-4C	GQ80	C-5296	R.D	Y	315021	M529 02	K15 2 A
MS-SPV-4DA ADS PILOT FOR MS-RV-4D	A613	C-5296	R.B	Y	315008	M529 02B22	K15 2 A
MS-SPV-4DD ADS PILOT FOR MS-RV-4D	A613	C-5296	R.B	Y	315008	M529 02B22	K15 2 A
MS-SPV-4DC SPV FOR MS-RV-4D	A613	C-5296	R.D	Y	315021	M529 02	K15 2 A
MS-SPV-5BA ADS PILOT FOR MS-RV-5B	A613	C-5296	R.B	Y	315008	M529 02B22	K15 2 A
MS-SPV-5BB ADS PILOT FOR MS-RV-5B	A613	C-5296	R.B	Y	315008	M529 02B22	K15 2 A
MS-SPV-5BC SPV FOR MS-RV-5B	A613	C-5296	R.D	Y	315021	M529 02	K15 2 A
MS-SPV-5CA ADS PILOT FOR MS-RV-5C	A613	C-5296	R.B	Y	315008	M529 02B22	K15 2 A
MS-SPV-5CB ADS PILOT FOR MS-RV-5C	A613	C-5296	R.B	Y	315008	M529 02B22	K15 2 A
MS-SPV-5CC SPV FOR MS-RV-5C	A613	C-5296	R.D	Y	315021	M529 02	K15 2 A
MS-TE-4A TE DUNSTRM OF MS-RV-2A	P427	133D9679P001	B.H	Y	339020	M529 02B22	F10 2 A
MS-TE-4B TE DUNSTRM OF MS-RV-2B	P427	133D9679P001	B.H	Y	339020	M529 02B22	F10 2 A
MS-TE-4C TE DUNSTRM OF MS-RV-2D	P427	133D9679P001	D.H	Y	339020	M529 02B22	D7 2 A
MS-TE-4D TE DUNSTRM OF MS-RV-2C	P427	133D9679P001	B.H	Y	339020	M529 02B22	F6 2 A
MS-TE-4E TE DUNSTRM OF MS-RV-1D	P427	133D9679P001	D.H	Y	339020	M529 02B22	D1 2 A

EPN	MFG DESCRIPTION	MODEL	STATUS		***SEISMIC (S) PARAMETERS***				FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
			BLDG ELEV	S E DETAIL	TH HL TEST ANL FO C USE SAFETY FUNCTION	Y	I	00			
MS-TE-AF	P427	133D9679P001		B M		Y	00	00	H529	D11	
TE DOWNSTRM OF MS-RV-2B			C 541 L5/4.2		1 0	I		339020	02B22	2 A	
MS-TE-AG	P427	133D9679P001		B M		Y	00	00	H529	F7	
TE DOWNSTRM OF MS-RV-3C			C 541 M5/7.2		1 0	I		339020	02B22	2 A	
MS-TE-AH	P427	133D9679P001		B M		Y	00	00	H529	D10	
TE DOWNSTRM OF MS-RV-3B			C 541 M/4.3		1 0	I		339020	02B22	2 A	
MS-TE-AJ	P427	133D9679P001		B M		Y	00	00	H529	F11	
TE DOWNSTRM OF MS-RV-1A			C 541 M7/6.5		1 0	I		339020	02B22	2 A	
MS-TE-AK	P427	133D9679P001		B M		Y	00	00	H529	D7	
TE DOWNSTRM OF MS-RV-1D			C 541 J1/7.0		1 0	I		339020	02B22	2 A	
MS-TE-AL	P427	133D9679P001		B M		Y	00	00	H529	F6	
TE DOWNSTRM OF MS-RV-1C			C 541 J8/7.5		1 0	I		339020	02B22	2 A	
MS-TE-AM	P427	133D9679P001		B M		Y	00	00	H529	F8	
TE DOWNSTRM OF MS-RV-4C			C 541 M6/6.9		1 0	I		339020	02B22	2 A	
MS-TE-AN	P427	133D9679P001		B M		Y	00	00	H529	F8	
TE DOWNSTRM OF MS-RV-5C			C 541 M1/7.3		1 0	I		339020	02B22	2 A	
MS-TE-AP	P427	133D9679P001		B M		Y	00	00	H529	D8	
TE DOWNSTRM OF MS-RV-4D			C 541 K4/7.8		1 0	I		339020	02B22	2 A	
MS-TE-AR	P427	133D9679P001		B M		Y	00	00	H529	D10	
TE DOWNSTRM OF MS-RV-4B			C 541 L9/4.3		1 0	I		339020	02B22	2 A	
MS-TE-AS	P427	133D9679P001		B M		Y	00	00	H529	F9	
TE DOWNSTRM OF MS-RV-4A			C 541 L9/4.8		1 0	I		339020	02B22	2 A	
MS-TE-AU	P427	133D9679P001		B M		Y	00	00	H529	D9	
TE DOWNSTRM OF MS-RV-5B			C 541 J8/4.5		1 0	I		339020	02B22	2 A	
MS-TE-AV	P427	133D9679P001		B M		Y	00	00	H529	D8	
TE DOWNSTRM OF MS-RV-3D			C 541 J2/5.0		1 0	I		339020	02B22	2 A	
MSLC-FI-3A	F180	E13DL		P P					H557	C5	
LOOP "A" TO MANIFOLD			R 477 H.4/5.7		1 0	F		156001	215	2 A	
MSLC-FI-3B	F180	E13DL		P P					H557	C5	
LOOP "B" TO MANIFOLD			R 474 H.4/5.7		1 0	F		156001	215	2 A	
MSLC-FI-3C	F180	E13DL		P P					H557	E5	
LOOP "C" TO MANIFOLD			R 477 H.4/5.8		1 0	F		156001	215	2 A	
MSLC-FI-3D	F180	E13DL		P P					H557	E5	
LOOP "D" TO MANIFOLD			R 474 H.4/5.8		1 0	F		156001	215	2 A	
MSLC-H-A	C268			R D					H557	CR	
MAIN STN LEAKAGE CONTROL HTR A			R 480 H.4/5.3		3 0				215	2 A	

EPN	MFG	MODEL	STATUS SE	***SEISMIC (S) PARAMETERS***				FREQ	A/E DRAWING	A/E ZONE
DESCRIPTION		BLDG ELEV	DETAIL	TH USE	HL TEST	ANL FO C	QID	CONTRACT	LEVEL EC	
MSLC-H-B	C26B		R.D.							
MAIN STM LEAKAGE CONTROL HTR B		R 474 H.4/5.3		3	0			H557 215	C7 2 A	
MSLC-H-C	C26B		R.D.							
MAIN STM LEAKAGE CONTROL HTR C		R 481 H.4/5.3		3	0			H557 215	E8 2 A	
MSLC-H-D	C26B		R.D.							
MAIN STM LEAKAGE CONTROL HTR D		R 474 H.4/5.3		3	0			H557 215	E7 2 A	
MSLC-MO-10	L200	SMO-000-5/P48	C.A.	P	114		33+	H557	H5	
1HP MOTOR OPERATOR MSLC-V-10		R 502 H.5/6.0		1	0	F	221001	215	2 A	
MSLC-MO-1A	L200	SMC-09-3/42	C.A.					H557	C7	
1HP MOTOR OPERATOR MSLC-V-1A		R 474 H.5/5.5		1	0	F	221001	215	2 A	
MSLC-MO-1B	L200	SMC-04-3/42	S.A.	P	114		33+	H557	C6	
1HP MOTOR OPERATOR MSLC-V-1B		R 474 H.5/5.6		1	0	F	221001	215	2 A	
MSLC-MO-1C	H120	TDEC	C.A.	P	114		33+	H557	D7	
1HP MOTOR OPERATOR MSLC-V-1C		R 474 H.5/5.6		1	0	F	221001	215	2 A	
MSLC-MO-1D	L200	SMC-04-3/42	C.A.	P	114		33+	H557	O6	
1HP MOTOR OPERATOR MSLC-V-1D		R 474 H.5/5.5		1	0	F	221001	215	2 A	
MSLC-MO-2A	L200	SMO-000-5/P48	C.A.	P	114		33+	H557	C8	
1HP MOTOR OPERATOR MSLC-V-2A		R 502 H.6/5.3		1	0	F	221001	215	2 A	
MSLC-MO-2B	L200	SMO-000-5/P48	C.A.	P	114		33+	H557	C8	
1HP MOTOR OPERATOR MSLC-V-2B		R 502 H.6/5.3		1	0	F	221001	215	2 A	
MSLC-MO-2C	L200	SMO-000-5/P48	C.A.	P	114		33+	H557	E8	
1HP MOTOR OPERATOR MSLC-V-2C		R 502 H.6/6.4		1	0	F	221001	215	2 A	
MSLC-MO-2D	L200	SMO-000-5/P48	C.A.	P	114		33+	H557	E8	
1HP MOTOR OPERATOR MSLC-V-2D		R 502 H.4/5.8		1	0	F	221001	215	2 A	
MSLC-MO-3A	L200	SMO-000-5/P48	C.A.	P	114		33+	H557	C9	
1HP MOTOR OPERATOR MSLC-V-3A		R 502 H.6/5.5		1	0	F	221001	215	2 A	
MSLC-MO-3B	L200	SMO-000-5/P48	C.A.	P	114		33+	H557	CA	
1HP MOTOR OPERATOR MSLC-V-3B		R 502 H.6/5.3		1	0	F	221001	215	2 A	
MSLC-MO-3C	L200	SMO-000-5/P48	C.A.	P	114		33+	H557	E9	
1HP MOTOR OPERATOR MSLC-V-3C		R 502 H.6/6.4		1	0	F	221001	215	2 A	
MSLC-MO-3D	L200	SMO-000-5/P48	C.A.	P	114		33+	H557	EA	
1HP MOTOR OPERATOR MSLC-V-3D		R 502 H.4/5.8		1	0	F	221001	215	2 A	
MSLC-MO-4	L200	SMO-000-5/P48	C.A.	P	114		33+	H557	J5	
1.0HP MOTOR OPERATOR MSLC-V-4		R 502 H.2/6.0		1	0	F	221001	215	2 A	
MSLC-MO-5	L200	SMO-000-5/P48	C.A.	P	114		33+	H557	J5	
1.0HP MOTOR OPERATOR MSLC-V-5		R 502 H.2/6.0		1	0	F	221001	215	2	

EPN	MFG DESCRIPTION	MODEL	STATUS S E BLDG ELEV DETAIL	***SEISMIC (S) PARAMETERS***				FREQ 010	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
				TH	HL	TEST	ANL FO C			
MSLC-MO-9 1 HP MOTOR OPERATOR MSLC-V-9	L200	SHD-000-5/P30	C A R 502 H.2/6.4	P	114			33 221001	M557 215	H5 2 A
MSLC-PS-20 REACTOR PRESS INTRLK	1204	0288	B A R 522 H.4/7.1	R	N	121		09 256007	M557 58	K8 3 A
MSLC-PS-24 HEADER PRESS	1204	0288	B A R 522 H.4/7.1	R	N	121		09 256007	M557 58	J8 3 A
MSLC-PS-25 HEADER PRESS	1204	0288	B A R 522 H.4/7.1	R	N	121		09 256007	M557 58	J8 3 A
MSLC-PS-60 HEADER PRESS	1204	0288	B A R 522 H.4/7.1	R	N	121		09 256007	M557 58	J8 3 A
MSLC-PS-70A LOOP "A" PRESS	1204	0288	D A R 528 H.4/4.2	R	N	121		09 256007	M557 58	G8 3 A
MSLC-PS-70B LOOP "B" PRESS	B080	288A	B A R 528 H.4/4.2	R	N	121		09 256007	M557 58	F8 3 A
MSLC-PS-70C LOOP "C" PRESS	B080	0288	B A R 526 H.4/4.2	R	N	121		09 256007	M557 58	F8 3 A
MSLC-PS-70D LOOP "D" PRESS	B080	288A	B A R 528 H.4/4.2	R	N	121		09 256007	M557 58	F8 3 A
MSLC-PS-7A LOOP "A" PRESS	1204	0288	B A R 535 H.2/4.2	R	N	121		09 256007	M557 58	G10 3 A
MSLC-PS-7B LOOP "B" PRESS	B080	288A	B A R 528 H.4/3.2	R	N	121		09 256007	M557 58	F9 3 A
MSLC-PS-7C LOOP "C" PRESS	B080	288A	B A R 528 H.4/4.2	R	N	121		09 256007	M557 58	F10 3 A
MSLC-PS-7D LOOP "D" PRESS	B080	288A	B A R 522 H.4/4.2	R	N	121		09 256007	M557 58	F10 3 A
MSLC-PS-8A REACTOR PRESS INTRLK	1204	0288	B A R 528 H.4/4.2	R	N	121		09 256007	M557 58	G11 3 A
MSLC-PS-8B REACTOR PRESS INTRLK	B080	288A	B A R 528 H.4/4.2	R	N	121		09 256007	M557 58	G11 3 A
MSLC-PS-8C REACTOR PRESS INTRLK	B080	288A	B A R 528 H.4/4.2	R	N	121		09 256007	M557 58	G11 3 A
MSLC-PS-8D REACTOR PRESS INTRLK	B080	288A	B A R 528 H.4/4.2	R	N	121		09 256007	M557 58	F11 3 A
MSLC-PT-23 HEADER PRESS	R369	1151GP9A22T0005PB	A D R 525 H.4/7.1	R	N	114		50 259003	M557 59	J8 3 A

EPN	MFG	MODEL	STATUS S E	***SEISMIC (S) PARAMETERS*** TH HL TEST ANL FD C	FREQ	A/E DRAWING	A/E ZONE
DESCRIPTION	BLDG ELEV	DETAIL	USE	SAFETY FUNCTION	QID	CONTRACT	LEVEL EC
MSLC-PT-6A MS LINE A PRESS	R369	1151GP9A22HBGE3	A B	R N 114	50	M557	G10
		R 524 H.4/4.2	1 0 F		259003	59	3 A
MSLC-PT-6B MS LINE B PRESS	R369	1151GP9A22HBGE3	A B	R N 114	50	M557	G10
		R 524 H.4/4.2	1 0 F		259003	59	3 A
MSLC-PT-6C MS LINE C PRESS	R369	1151GP9A22HBGE3	A B	R N 114	50	M557	F10
		R 524 H.4/4.2	1 0 F		259003	59	3 A
MSLC-PT-6D MS LINE D PRESS	R369	1151GP9A22HBGE3	A B	R N 114	50	M557	F10
		R 524 H.4/4.2	1 0 F		259003	59	3 A
MSLC-RLY-CR/1 DIV 2, MS-MSLC CONTROL INTERLK	A500	RK223067-EP	A I	R N 021		E519/31	J9
		R 526 H.4/7.1	1 0 F		283015	58	3 A
MSLC-RLY-CR/10 MSIV CLOSURE INTERLK	A500	RK223069-EP	A I	R N 021		E519/30	E1
		R 527 H.4/4.2	1 0 F		283015	58	3 A
MSLC-RLY-CR/11 MS-MSLC CONTROL INTERLK	A500	RK223069-EP	A I	R N 021		E519/30	E1
		R 527 H.4/4.2	1 0 F		283015	58	3 A
MSLC-RLY-CR/12 MS-MSLC CONTROL INTERLK	A500	RK223067-EP	A I	R N 021		E519/30	E1
		R 527 H.4/4.2	1 0 F		283015	58	3 A
MSLC-RLY-CR/13 MS-MSLC CONTROL INTERLK	A500	RK223069-EP	A I	R N 021		E519/30	D1
		R 527 H.4/4.2	1 0 F		283015	58	3 A
MSLC-RLY-CR/1A DIV 1, MS-MSLC CONTROL INTERLK	A500	RK223067-EP	A I	R N 021		E519/30	K13
		R 528 H.4/4.2	1 0 F		283015	58	3 A
MSLC-RLY-CR/1B MS-MSLC CONTROL INTERLK	A500	RK223067-EP	A I	R N 021		E519/30	J13
		R 528 H.4/4.2	1 0 F		283015	58	3 A
MSLC-RLY-CR/1C MS-MSLC CONTROL INTERLK	A500	RK223067-EP	A I	R N 021		E519/30	F13
		R 527 H.4/4.2	1 0 F		283015	58	3 A
MSLC-RLY-CR/1D MS-MSLC CONTROL INTERLK	A500	RK223067-EP	A I	R N 021		E519/30	E13
		R 527 H.4/4.2	1 0 F		283015	58	3 A
MSLC-RLY-CR/3 DIV 2, ATMOS PRESS CNTRL INTERLK	A500	RK223069-EP	A I	R N 021		E519/31	J9
		R 526 H.4/7.1	1 0 F		283015	58	3 A
MSLC-RLY-CR/4 DIV 2, CONTROL SV INTERLK	A500	RK223067-EP	A I	R N 021		E519/31	
		R 522 H.4/7.1	1 0 F		283015	218	3 A
MSLC-RLY-CR/5 DIV 2, ATMOS PRESS CONTROL INTERLK	S440	219XDXP	B I	R N 149	17+	E519/31	
		R 522 H.4/7.1	1 0 F		283041	218	3 A
MSLC-RLY-CR/5A1 MSL PRESSURE INTERLK	A500	RK223070-EP	A I	P N 021		E519/30	H13
		R 528 H.4/4.2	1 0 F		283015	58	3 A
MSLC-RLY-CR/5A2 MSL PRESSURE INTERLK (60 SEC TD)	A500	RK225052-CP	B I	R N 021		E519/30	H1
		R 527 H.4/4.2	1 0 F		283011	58	3 A

EPN	MFG DESCRIPTION	MODEL	STATUS S E LOG ELEV DETAIL	SEISMIC (S) PARAMETERS TM HL TEST ANL FO C USE SAFETY FUNCTION	FREQ QID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
MSLC-RLY-CR/501	A500	RK223070-EP	A I	R N 021	02	E519/30	G13
MSL PRESSURE INTERLK (60 SEC TD)		R 527 H.4/4.2	1 0 F	283011	58	3	A
MSLC-RLY-CR/502	A500	RK225052-CP	A I	R N 021		E519/30	G13
MSL PRESSURE INTERLK (60 SEC TD)		R 527 H.4/4.2	1 0 F	283011	58	3	A
MSLC-RLY-CR/5C1	A500	RK223070-EP	A I	R N 021		E519/30	D13
MSL PRESSURE INTERLK (60 SEC TD)		R 527 H.4/4.2	1 0 F	283015	58	3	A
MSLC-RLY-CR/5C2	A500	RK225052-CP	A I	R N 021		E519/30	D13
MSL PRESSURE INTERLK (60 SEC TD)		R 528 H.4/4.2	1 0 F	283011	58	3	A
MSLC-RLY-CR/5D1	A500	RK223070-EP	A I	R N 021		E519/30	C13
MSL PRESSURE INTERLK (60 SEC TD)		R 527 H.4/4.2	1 0 F	283015	58	3	A
MSLC-RLY-CR/5D2	A500	RK225052-CP	A I	R N 021		E519/30	C13
MSL PRESSURE INTERLK (60 SEC TD)		R 528 H.4/4.2	1 0 F	283011	58	3	A
MSLC-RLY-CR/6A1	A500	RK223070-EP	A I	R N 021		E519/30	G13
MSL PRESSURE INTERLK (150 SEC TD)		R 528 H.4/4.2	1 0 F	283015	58	3	A
MSLC-RLY-CR/6A2	A500	RK225052-CP	A I	R N 021		E519/30	G13
MSL PRESSURE INTERLK (150 SEC TD)		R 528 H.4/4.2	1 0 F	283011	58	3	A
MSLC-RLY-CR/6B1	A500	RK223067-EP	A I	R N 021		E519/30	F13
MSL PRESSURE INTERLK (150 SEC TD)		R 528 H.4/4.2	1 0 F	283015	58	3	A
MSLC-RLY-CR/6D2	A500	RK225052-CP	A I	R N 021		E519/30	F13
MSL PRESSURE INTERLK (150 SEC TD)		R 528 H.4/4.2	1 0 F	283011	58	3	A
MSLC-RLY-CR/6C1	A500	RK223070-EP	A I	R N 021		E519/30	C13
MSL PRESSURE INTERLK (150 SEC TD)		R 527 H.4/4.2	1 0 F	283015	58	3	A
MSLC-RLY-CR/6C2	A500	RK225052-CP	A I	R N 021		E519/30	C13
MSL PRESSURE INTERLK (150 SEC TD)		R 528 H.4/4.2	1 0 F	283011	58	3	A
MSLC-RLY-CR/6D1	A500	RK223070-EP	A I	R N 021		E519/30	D13
MSL PRESSURE INTERLK (150 SEC TD)		R 527 H.4/4.2	1 0 F	283015	58	3	A
MSLC-RLY-CR/6D2	A500	RK225052-CP	A I	R N 021		E519/30	D13
MSL PRESSURE INTERLK (150 SEC TD)		R 528 H.4/4.2	1 0 F	283011	58	3	A
MSLC-RLY-CR/8	A500	RK223067-EP	A I	R N 021		E519/30	K13
CONTROL SWITCH INTERLK		R 528 H.4/4.2	1 0 F	283015	58	3	A
MSLC-RLY-CR/9	A500	RK223067-EP	A I	R N 021		E519/30	F13
CONTROL SWITCH INTERLK		R 528 H.4/4.2	1 0 F	283015	58	3	A
MSLC-TE-10A	H329	TC-2370-C-A-250-TT	R D			H557	C8
LOOP "A" TO MANIFOLD		R 477 H.4/5.7	3 0	339003	215	3	A
MSLC-TE-10B	H329	TC-2370-C-A-250-TT	R D			H557	C7
LOOP "B" TO MANIFOLD		R 474 H.4/5.7	3 0	339003	215	3	A

EPH	MFG	MODEL	STATUS S E	***SEISMIC (S) PARAMETERS*** TH HL TEST ANL FO C FREQ A/E DRAWING A/E ZONE USE SAFETY FUNCTION QID CONTRACT LEVEL EC
DESCRIPTION		BLDG ELEV	DETAIL	
MSLC-TE-10C LOOP "C" TO MANIFOLD	H329	TC-2370-C-A-250-TT	R D 477 H.4/5.0	M557 339003 215 3 A
MSLC-TE-10D LOOP "D" TO MANIFOLD	H329	TC-2370-C-A-250-TT	R D 474 H.4/5.0	M557 339003 215 3 A
RCC-MO-10A MOTOR OPERATOR FOR RCC-V-10A	R165	FRAME M56	S P 514 K.0/4.3	P Y 114 221001 215 2 A
RCC-MO-12A MOTOR OPERATOR FOR RCC-V-12A	R165	FRAME M56	C A 548	P 114 221001 41A 2 A
RCC-MO-13A MOTOR OPERATOR FOR RCC-V-13A	R165	FRAME M56	C A 548	P 114 221001 41A 2 A
RCC-MO-13B MOTOR OPERATOR FOR RCC-V-13B	R165	FRAME M56	C A 548	P 114 221001 41A 2 A
RCC-MO-21 1HP 2.8A MOTOR OPERATOR RCC-V-21	L200	SHB-0-15/M56	S A 515 K.7/4.1	P Y 114 221001 41A 2 A
RCC-MO-40 0.7HP 2.3A MOTOR OPERATOR RCC-V-40	L200	SHB-0-15/M56	S P 517 76 D AZ	P Y 114 221001 41A 2 A
RCC-MO-5 1HP 2.8A MOTOR OPERATOR RCC-V-5	L200	SHB-0-15/M56	S A 515 K.8/4.1	P Y 114 221001 41A 2 A
RCC-TS-10A FUEL POOL HX-1A COOLING WTR. LOC-A	UD75	68S	R 551 K.9/9.3	M525 355012 215 2 A
RCC-TS-10B FUEL POOL HX-1B COOLING WTR. LOC-A	UD75	68S	B 551 L.1/9.3	M525 355012 215 2 A
RCIC-AMP-65			R 548 H.0/5.4	2-22-2205 3 A
RCIC-DPIS-13A RCIC STM SUPPLY HI FLOW H22-P017	B080	288A	A A 471 L.0/8.0	R N 121 086001 02E51 2 A
RCIC-DPIS-13B RCIC STM SUPPLY HI FLOW H22-P029	B080	288A	A A 471 K.9/3.9	R N 121 086001 02E51 2 A
RCIC-DPIS-7A RCIC STM SUPPLY HI FLOW H22-P017	B080	288A	A A 471 L.0/8.0	R N 121 086001 02E51 2 A
RCIC-DPIS-7B RCIC STM SUPPLY HI FLOW H22-P029	B080	288A	A A 471 K.9/3.9	R N 121 086001 02E51 2 A
RCIC-FIS-2 RCIP PUMP DISCHARGE FLOW H22-P017	1204	289A	A D 471 L.0/8.0	M519 140001 02F51 3 A
RCIC-FT-3 FLOW TRANSMITTER H22-P017	R369	11510MSA22HPX	A D 471 L.0/8.0	M519 156005 02F51 2 A

PROGRAM CIE-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
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CPN	MFG	MODEL	STATUS S E	SEISMIC (S) PARAMETERS				FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
				TM	HL	TEST ANL FO C	USE SAFETY FUNCTION			
DESCRIPTION		BLDG ELEV	DETAIL							
RCIC-LMS-1	L200	SMB-000-2/D56A	A	N	614			M519		E11
RCIC TURB TRIP/THROT VLVE POS SW			R 428 H.7/7.3	3	1	C			3	A
RCIC-LMS-10	L200	SMB-00-15/DJ56A	A	N	614			M519		B14
LIMIT SWITCH RCIC-V-10			R 426 H.4/6.3	3	1	C		41A	3	A
RCIC-LMS-19	L200	SMB-00-5/D56	S	Y	614			M519		F7
LIMIT SWITCH RCIC-V-19			R 467 J.4/7.7	3	1	C	200016	215	3	A
RCIC-LMS-19B								M519		J6
LIMIT SWITCH RCIC-V-19B			R 567 H.3/5.3	3	1	C			3	A
RCIC-LMS-22	L120	SMB-2-6Q/D3209	A	P	N 614			M519		J5
LIMIT SWITCH RCIC-V-22			R 443 H.5/8.1	3	1	B2,C		410	3	A
RCIC-LMS-25	N007	18031302	R					M519		E9
LIMIT SWITCH RCIC-V-25			R 423 H.5/7.0	3	1	C	200006	58	3	A
RCIC-LMS-26	N007	18031302	R					M519		E9
LIMIT SWITCH RCIC-V-26			R 423 H.5/7.0	3	1	C	200006		3	A
RCIC-LMS-45	L200	SMB-0-15/DJ56F	A	N	614			M519		F11
LIMIT SWITCH RCIC-V-45			R 425 H.0/7.2	3	1	C		410	3	A
RCIC-LMS-46	L200	SMB-0-5/P56	A	N	614			M519		F11
LIMIT SWITCH RCIC-V-46			R 430 H.4/7.0	3	1	C		215	3	A
RCIC-LMS-5	N007	18031302	R					M519		B10
LIMIT SWITCH RCIC-V-5			R 423 H.3/6.8	3	1	G	200006	215	3	A
RCIC-LMS-54	N007	18031302	R					M519		F9
LIMIT SWITCH RCIC-V-54			R 423 H.7/7.0	3	1	C			3	A
RCIC-LMS-65	N007	SAJ133	R					M519		H6
LIMIT SWITCH RCIC-V-65			R 568 H.6/5.4	2	1	B1,C	200004	69	3	A
RCIC-LMS-66			Q					M519		J4
LIMIT SWITCH RCIC-V-66			C 606 150 D AZ	2	1	B1,C			3	A
RCIC-LMS-C21								M519		E11
RCIC-V-2 OPEN			R 425 H.5/6.7	3	1	C			3	A
RCIC-LMS-C22								M519		E11
RCIC-V-2 CLOSED			R 425 H.5/6.7	3	1	C			3	A
RCIC-LMS-C23	L200	SMB-000-2/D56A	A	N	614			M519		E11
RCIC-V-1 OPEN			R 430 H.6/7.2	3	1	C		02E51	3	A
RCIC-LMS-H1/2	S345	8903B-AG1-S4	R					2-22-2203		
			R 422 H3/1.8	3	1	C	200012	02	2	A
RCIC-LS-10	M040	5.0-751MPG	H D	V	N 14 00		17	M519		F9
LEVEL SWITCH FOR R# DRIP POT			R 422 J7/7.3	3	1	C	207004	02E51	2	A

EPN	MFG	MODEL	STATUS S E	TH HL TEST ANL FO C	FREQ	A/E DRAWING	A/E ZONE
DESCRIPTION		BLDG ELEV	DETAIL	USE SAFETY FUNCTION	QID	CONTRACT	LEVEL EC
RCIC-LS-3 LEVEL SW. TURD EXH DRIP LEG LEVEL	M040	751-SPX-M14	B	Y 21 00	17	M519	D12
		R 424 H.4/7.4	3 1		207011	215	2 A
RCIC-LS-4 RCIC STM TRAP 4 TO RHR HX DRP LEG	M040	402-XXS-SP-M14	B	Y 21 00	17	M519	H14
		R 565 J.0/9.0	3 1		207020	215	2 A
RCIC-LS-5 RCIC STM TRAP 5 TO RHR HX DRP LEG	M040	402-XXS-SP-M14	D	Y 21 00	17	M519	H14
		R 563 H.0/9.0	3 1		207020	215	2 A
RCIC-LS-6 RCIC STM TRAP 6 TO RHR HX DRP LEG	M040	102-XXS-S1-M14	B	Y 21 00	17	M519	G14
		R 550 L.8/4.3	3 1		207011	215	2 A
RCIC-M-3 15HP/7A MOTOR FOR RCIC-P-3	M120	TBDP/2561	D			M519	B14
		R 422 J/8.3	3 1	C	213016	35A	2 A
RCIC-MO-1 7HP/7A MO FOR RCIC-V-1 THROTTLE	L200	SHB-000	A A	P H 114	33+	M519	E11
		R 430 H.6/7.2	3 1		221001	02E51	2 A
RCIC-MO-10 1.0HP RA MOTOR OPER. RCIC-V-10	L200	SHB-00-15/DJ56F	A H	P H 114	33+	M519	B14
		R 430 H.4/6.6	3 1		221001	41A	2 A
RCIC-MO-12 2.9HP MOTOR OPERATOR RCIC-V-12	L200	SHB-0-15/	A	P H 114	33+	M519	H7
		R 423 H.4/7.7	3 1	C	221001	41A	2 A
RCIC-MO-13 2.9HP MOTOR OPERATOR RCIC-V-13	L200	SHB-0-40/Q202G	S A	P Y 114	33+	M519	H7
		R 552 5.5/H.6	1 1	B1	221001	41A	2 A
RCIC-MO-17 2.0HP MOTOR OPERATOR RCIC-V-19	L200	SHB-000-5/P56	S R	P Y 114	33+	M519	E7
		R 467 J.4/7.7	1 1	B1	221001	215	2 A
RCIC-MO-22 MOTOR OPERATOR RCIC-V-22	L200	SHB-2-60/Q3204	A H	P H 114	33+	M519	J8
		R 446 H.7/8.0	3 1		221001	41B	2 A
RCIC-MO-31 1HP 9.6A MOTOR OPERATOR RCIC-V-31	L200	SHB-00-15/R56	S A	P Y 114	33+	M519	D7
		R 450 H.8/7.0	1 1	D1	221001	41A	2 A
RCIC-MO-45 1.1HP MOTOR OPERATOR RCIC-V-45	L200	SHB-0-15/DJ56F	A H	P H 114	33+	M519	E11
		R 430 H.6/7.7	3 1		221001	41B	2 A
RCIC-MO-56 2.9HP 11A MOTOR OPER. RCIC-V-46	L200	SHB-0-5/P56	C R	P 114	33+	M519	F11
		R 430 H.3/7.2	3 1		221001	215	2 A
RCIC-MO-59 2.9HP MOTOR OPERATOR RCIC-V-59	L200	SHB-0-40/Q202G	A A	P H 114	33+	M519	J8
		R 446 H.7/8.0	3 1		221001	41A	2 A
RCIC-MO-63 7HP 10.7A MOTOR OPER. RCIC-V-63	L200	SHB-2-60/D215R2	S A	P Y 114	33+	M519	H5
		C 555 131 0 A2 R12	2 1	D1	221001	41A	2 A
RCIC-MO-64 5.8HP 20A MOTOR OPER. RCIC-V-64	L200	SHB-2-80/D5224R	S A	P Y 114	33+	M519	G6
		R 556 4.6/L.2	2 1	D1	221001	41A	2 A
RCIC-MO-68 1.0HP MOTOR OPERATOR RCIC-V-68	L200	SHB-015/DJ56F		P Y 114	33+	M519	E7
		C 474 J.1/7	1 1	D1	221001	41A	2

EPN	HFG DESCRIPTION	MODEL	BLDG ELEV	STATUS S E DETAIL	SEISMIC (S) PARAMETERS			FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TH	HL	TEST ANL FO C USE SAFETY FUNCTION			
RCIC-MO-69	L200	SMB-000		S A	P	Y	114	33+	H519	E7
2.0HP MOTOR OPERATOR RCIC-V-69			R 466 H6/6.6		1	1	B1	221001	215	2 A
RCIC-MO-76	L200	SMB-000-5		S R	P	Y	114	33+	H519	H6
.33HP/1.9-.95A M O FOR RCIC-V-76			C 556 120 DEG		2	1	B1	221001	215	2 A
RCIC-MO-8	L200	SMB-00-7-5/D56C		A A	P	N	114	33+	H519	F6
.54HP/5.5A MOTOR OPER FOR RCIC-V-8			R 515 J.0/5.0		1	1	B1	221001	41A	2 A
RCIC-MO-80	L200	SMB-000-5		R A					H519	E7
MOTOR OPER FOR RCIC-V-110			C 474 J.2/7.2		1	1	B1	221001	215	2 A
RCIC-MO-86	L200	SMB-000-5		R A					H519	E7
MOTOR OPER FOR RCIC-V-113			C 474 J.2/7.2		1	1	B1	221001	215	2 A
RCIC-PI-1	R290	613B		A					H519	J8
RCIC-P-1 DISCH PRESS	H22-P017		R 475 L.0/8.2		3	0		243004	02	2 A
RCIC-PI-2	R290	613B		A					H519	C12
PRESSURE INDICATOR RCIC-P-1 SUCT.			R 475 L.1/8.2		3	0		243004	02	2 A
RCIC-PI-4	R290			A					H519	D12
TR EXHAUST PRESSURE	H22-P017		R 471 L.0/8.0		3	0			02	2 A
RCIC-PI-803	R290	1355		A					H519	F8
MARKED RCIC-PI-803			R 471 L.0/8.0		3	0		243006	02	2 A
RCIC-PS-1	A499	SC11AR		B	R	N	114	50	H519	G9
AUX. COOLING SUPPLY - -			R 424 H.6/7.3		3	0		256001	220	2 A
RCIC-PS-12A	B069	PIH-M8555-V		A N	R	N			H519	C11
PS 12A FOR TURBINE DISCH H22-P017			R 471 L.0/8.0		3	1		256005	02E51	2 A
RCIC-PS-12B	B069	PIH-M8555-V		A N	R	N			H519	C11
EXHAUST DIAPHRAGM H22-P029			R 471 K.9/3.9		3	1		256005	02E51	2 A
RCIC-PS-12C	B069	PIH-M855-V		A N	R	N			H519	C11
PS 12C FOR TURBINE DISC H22-P017			R 471 L.0/8.0		3	1		256005	02E51	2 A
RCIC-PS-12D	B069	PIH-M8555-V		A N	R	N			H519	C11
EXHAUST DIAPHRAGM H22-P029			R 471 K.9/3.9		3	1		256005	02E51	2 A
RCIC-PS-20	B069	PIH-M8555-V		A N	R	N			H519	J8
RCIC PUMP DISCH H22-P017			R 471 L.0/8.0		3	1		256005	02E51	2 A
RCIC-PS-21	B074	PIH-M8555-V		A	R	N			H519	D13
RCIC-P-1 SUCT AL HIGH H22-P017			C 473 L.1/8.2		3	1		256005	02H22	2 A
RCIC-PS-22A	B069	PIH-M8555-V		A D	R	N			H519	G8
STM LINE PRESSURE H22-P017			R 471 L.0/8.0		1	1	D1,F	256005	02E51	2 A
RCIC-PS-22B	B069	PIH-M8555-V		A D	R	N			H519	F8
PENETRATION MONITORING H22-P029			P 471 K.9/3.9		1	1	D1,F	256005	02E51	2 A

EPN	MFG DESCRIPTION	MODEL	STATUS S E BLOG ELEV DETAIL	***SEISMIC (S) PARAMETERS***				FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
				TH	HL	TEST	ANL	FO		
				USE		SAFETY	FUNCTION	QID		
RCIC-PS-22C	P069	PIH-M055S-V	A.B	R	H					
STM LINE PRESSURE H22-P017			R 471 L.0/8.0	1	1	B1,F		256005	02E31	2 G8 A
RCIC-PS-22D	B069	PIH-M055S-V	A.B	R	H					
PENETRATION MONITORING H22-P029			R 471 K.9/3.9	1	1	B1,F		256005	02E31	2 E8 A
RCIC-PS-32A	B069	B11-M1255-GF	A.H	R	H	14	00	33+	M519	J15
STEAM CONDENSING MODE INLET PRESS			R 501 J.6/3.6	3	1			256002	02E12	2 A
RCIC-PS-32D	W120	IBEC17605668	A.H	R	H					
STEAM CONDENSING MODE INLET PRESS			R 515 H.7/7.1	3	1			256017	02E12	2 J14 A
RCIC-PS-33A	B069	B11-M1255-GF	A.H	R	H	14	00	33+	M519	J15
STEAM CONDENSING MODE INLET PRESS			R 501 J.6/3.6	3	1			256002	02E12	2 A
RCIC-PS-33B	B069	169C5359P0015000	A.H	R	H	14	00	33+	M519	J14
STEAM CONDENSING MODE INLET PRESS			R 515 H.8/7.3	3	1			256002	02E12	2 A
RCIC-PS-34	R220	613	A	M	M	03			M519	C13
RCIC-P-1 SUCTION PRESSURE			R 437 H.7/7.3	3	0			02		2 A
RCIC-PS-6	S382	54N-AA91-(X10)-IT	A.H	R	H	110		33+	M519	D13
RCIC PUMP SUCTION PRESS H22-P017			R 471 L.0/8.0	3	1			256016	02E51	2 A
RCIC-PS-9A	B069	PIH-M055S-V	A.H	R	H				M519	E12
RCIC-TURBINE DISC PS 9A H22-P017			R 471 L.0/8.0	3	1			256005	02E51	2 A
RCIC-PS-9D	B069	PIH-M055S-V	A.H	R	H				M519	E12
RCIC TURBINE DISC PS-1A H22-P017			R 471 L/8	3	1			256005	02E51	2 A
RCIC-PI-4	B092	556	P.P	R	H				M519	J8
TURB STM DISC PRESS 0-200 H22-P017			R 473 K.9/8.2	3	1			259001	02	2 A
RCIC-PI-5	B092	556	A	R	H	04			M519	C12
RCIC PUMP SUCTION H22-P017			R 473 L.1/8.2	3	1			259001	02	2 A
RCIC-PI-7	B092	556	P.P	R	H				M519	FR
TO STEAM INLET H22-P017			R 473 K.9/8.2	3	1			259001	02	2 A
RCIC-PI-8	B092	556	A	R	H	04			M519	D12
TURBINE EXHAUST PRESSURE H22-P017			R 473 L.0/8.2	3	1			259001	02	2 A
RCIC-RHS-RTRIP			R 422 H3/7	3	1	C				3 A
RCIC-SPV-19B			D	R	H				M607/2	J9
SP-19B SHUT OFF RCIC-P-1 DISCH			R 567 H.3/5.3	3	1	C		220		2 A
RCIC-SPV-25	A499	VJH1831654	B.H	R	H	114	03	33+	M519	D9
SPV-RCIC-V-25 STM SPLY LNE JR-62			R 471 H4/6.8	3	1			315004	58	2 A
RCIC-SPV-26	A499	VJH1831654	B.H	R	H	114	03	33+	M519	D
SPV-R V-26 STM SPLY LNE DR			R 515 L.4/	3	1			315004	58	2

PROGRAM CIE-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00181
DATE 10/01/82

EPN	MFG DESCRIPTION	MODEL	STATUS S E BLDG ELEV. DETAIL	**SEISMIC (S) PARAMETERS**			A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
				TH	HL TEST ANL FO C	FRLO		
RCIC-SPV-4	A492	VJHT831654	B N	R N	114 03	33+	M519	B10
PILOT VALVE FOR AD RCIC-V-4 IR-62			R 474 H.4/6.8	3 1		315004	58	2 A
RCIC-SPV-5	B062	164C532P0015000	A H	R N	114 03	33+	M519	B10
PILOT VALVE FOR AD RCIC-V-5			R 515 H.8/7.3	3 1		315004	58	2 A
RCIC-SPV-54	A492	VJHT831654	B N	R N	114 03	33+	M519	E9
SPV FOR RCIC-V-54 IR-62			R 471 H.4/6.8	3 1		315004	58	2 A
RCIC-SPV-65	A492	VJHT831654	A B	R N	114 03	33+	M519	H6
REACTOR HEAD SPRAY IR -67-			R 556 5.8/H.8	2 1	B1	315004	58	2 A
RCIC-SPV-66	A492	VJHT831654	A B	R N	114 03	33+	M519	H6
RCIC TO REACTOR ISOLATION VALVE IR			R 528 J.0/6.9	2 1	B1	315004	58	2 A
RCIC-SS-1	H007	D12006	A	R N	03		807E173TC/	6
RCIC TURB. OVERSPEED SWITCH			R 427 H.7/6.9	3 1			02	3 A
RCIC-SS-C002			A	R N	03		2-22-2206	3 A
RCIC TURB OVERSPEED SWITCH			R 423 H.3/6.8	3 1				3 A
RCIC-SY-C002			A	R N	03		807E173TC/	6CB
TURB TRIP THROT VALVE			R 423 H.3/7.1	3 1				3 A
RCIC-TI-5			R				M519	E13
RCIC-P-1 DISCHARGE TEMP			R 471 L.0/R.0	3 1			02	2 P
REA-DPS-1A	D282	MODEL 1627	R				M515	K4
REA-FN-1A LOCAL CONTROL			R 572 H.2/4.1	3 3		090003	216	2 A
REA-DPS-1B	D282	MODEL 1627	R				M545	J4
REA-FN-1B LOCAL CONTROL			R 572 H.2/4.1	3 3		090003	216	2 A
REA-DPT-1A1	R369	P.O. 40493	D B	V N	114	50	M545	E2
SECONDARY CONTAINMENT PRESS. CONTROL			R 576 H.3/8.2	1 3	F	091001	59	2 A
REA-DPT-1A2	R369	10P3DP221003PB	D B	V N	114	50	M545	E1
SECONDARY CONTAINMENT PRESS. CONTROL			R 576 H.7/3.5	1 3	F	091001	59	2 A
REA-DPT-1A3	R369	PH163C1561P342203	D B	V N	114	50	M545	E1
SECONDARY CONTAINMENT PRESS. CONTROL			R 576 H.8/3.9	1 3	F	091001	59	2 A
REA-DPT-1A4	R369	10P3R2210003PB	R B	V N	114	50	M545	E1
SECONDARY CONTAINMENT PRESS. CONTROL			R 576 H.8/9.4	1 3	F	091001	59	2 A
REA-DPT-1B1	R369	10P 3P2210003PB	D B	V N	114	50	M545	D2
SECONDARY CONTAINMENT PRESS. CONTROL			R 576 H.3/5.3	1 3	F	091001	59	2 A
REA-DPT-1B2	R369	163P1561P342203	B B	V N	114	50	M545	D2
SECONDARY CONTAINMENT PRESS. CONTROL			R 576 H.7/3.5	1 3	F	091001	59	2 A
REA-DPT-1B3	R369	10P3D221003PB	D B	V N	114	50	M545	D1
SECONDARY CONTAINMENT PRESS. CONTROL			R 576 H.8/7.6	1 3	F	091001	59	2 A

PROGRAM CIE-SQRT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00182
DATE 10/01/82

EPN	MFG	MODEL	STATUS S E	TH HL TEST ANL FO C	FREQ	A/E DRAWING	A/E ZONE
DESCRIPTION	BLDG ELEV	DETAIL	USE	SAFETY FUNCTION	QID	CONTRACT	LEVEL EC
REA-OPT-1B4 SECONDARY CONTAINMENT PRESS. CONTROL	R369 115	B.B.	U N 114	50	M545	D1	
	R 526 H.1/9.4	1 3 F	091001	59	2	A	
REA-LMS-1 LIMIT SWITCH ON REA-V-1	N007 7408100	R A		M545	J3		
	R 593 H.5/6.0	1 3 B2.F	200015	68	3	A	
REA-LMS-2 LIMIT SWITCH ON REA-V-2	N007 74080100	R A		M545	J3		
	R 593 H.5/6.2	1 3 B2.F	200015	68	3	A	
REA-M-1A MOTOR FOR FAN REA-FN-1A	R165 XF330955A1-YA	D	F N 04	M545	J5		
	R 592 H.2/4.3	3 3	213043	22A	2	A	
REA-M-1B MOTOR FOR FAN REA-FN-1B	R165 XF330955A2-YA	B	F N 04	M545	J5		
	R 585 H.2/4.3	3 3	213043	22A	2	A	
REA-RE-19 RE FOR ELEVATED DISCH BETA SCINT	K020 952158	P D		M544	F1		
	R 606 H.4/6.8	4 3 F	277006	92B	2	A	
REA-RE-9A EXH AIR PLENUM RAD DETECTOR	G080 TYPE 194X927G11	R D		M545	F2		
	R 591 H.5/4.3	3 3 B2.F	277001	02D17	2	A	
REA-RE-9B EXH AIR PLENUM RAD DETECTOR	G080 TYPE 194X927G11	R D		M545	F1		
	R 591 H.5/4.3	3 3 B2.F	277001	02D17	2	A	
REA-RE-9C EXH AIR PLENUM RAD DETECTOR	G080 TYPE 194X927G11	R D		M545	F2		
	R 591 H.5/4.3	3 3 B2.F	277001	02D17	2	A	
REA-RE-9D EXH AIR PLENUM RAD DETECTOR	G080 TYPE 194X927G11	R D		M545	F1		
	R 591 H.5/4.3	3 3 B2.F	277001	02D17	2	A	
REA-RLY-CR1 CONTROL RELAY FOR ISOLATION VALVES	A500 RK225052-CP	B.D.	R N 021	E519-12			
	R 527 J.0/6.9	3 3	283011	59	3	A	
REA-RLY-CR2 CONTROL RELAY FOR ISOLATION VALVES	A500 RK225-052-CP	D.D.	R N 021	E519-12			
	R 554 H.7/8.2	3 3	283011	59	3	A	
REA-SPV-1 REACTOR BLDG. NORMALEXHAUST ISOLAT	A499 WJHT8316E35	A.B.	R N 114 03	33+ M545	K3		
	R 528 J.0/6.9	1 3 B2.F	315004	58	2	A	
REA-SPV-2 REACTOR BLDG. NORMALEXHAUST ISOLAT	A499 WJHT8318E32	A.B.	R N 114 03	33+ M545	K3		
	R 554 H.7/8.2	1 3 B2.F	315004	58	2	A	
RFV-MD-65A 32.4HP MOTOR OPERATOR RFV-V-65A	L200 SHD-4-250/326U94	S A	P Y 114	33+ M529	G13		
	R 505 H.4/5.7	1 3 D1	221001	41A	2	A	
RFV-MD-65B 32.4HP MOTOR OPERATOR RFV-V-65B	L200 SHD-4-250/326U94	S A	P Y 114	33+ M529	G4		
	R 505 H.4/6.3	1 3 D1	221001	41A	2	A	
RFV-SPV-32A1 SOLENOID PILOT FOR RFV-V-32A IR-62	A499 WJHT831654	B.B.	R N 114 03	33+ M529	G12		
	R 471 H.4/6.0	1 3 D1	315004	58	2	A	
RFV-SPV-32A2 SOLENOID PILOT FOR RFV-V-32A IR-62	A499 WJHT831654	B.B.	R N 114 03	33+ M529	G1		
	R 471 H.4/6.0	1 3 D1	315004	58	2	A	

PROGRAM CIE-SQRT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00163
DATE 10/01/82

EPN	MFG	MODEL	STATUS S E	***SEISMIC (S) PARAMETERS***				FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
				1M	HL	TEST	ANL FO C			
DESCRIPTION	BLDG	FLEV	DETAIL	USE	SAFETY	FUNCTION	Q10			
RFV-SPV-3201 SOLENOID PILOT FOR RFV-V-32B 1R-62	A499	WJHT831654	R 471	H.4/6.8	1 3	B1	21 00	33+ 315004	M529 58	G5 2 A
RFV-SPV-3202 SOLENOID PILOT FOR RFV-V-32B 1R-62	A499	WJHT831654	R 471	H.4/6.8	1 3	B1	21 00	33+ 315004	M529 58	G5 2 A
RHR-CE-1A CONDUCTIVITY ELEMENT FOR RHR-IX-1A	B135	BOM 05010794633	R 540	J.9/8.5	2 0	G		038001	M521 02	H13 2 A
RHR-CE-1B RHR CONDUCTIVITY - -	B135	BOM 05010794633	R 559	M.1/9.0	2 0	G		038001	M521 02	H14 2 A
RHR-C1ST-30A RHR-IX-1A OUTLET H22-P018	B135	2041	R 501	H.8/5.5	3 0	N	03	043001	M521 02E12	H13 3 A
RHR-C1ST-30B RHR-IX-1B OUTLET H22-P021	B135	2041	R 501	H.8/9.3	3 0	N	03	043001	M521 02E12	H14 3 A
RHR-DP1S-12A RHR HIGH FLOW LEAK DETECTION	B080	MODEL 288	R 501	J.6/3.6	1 0	B1,F	19 00	33+ 086001	M530 02E12	G12 2 A
RHR-DP1S-12B RHR HIGH FLOW LEAK DETECTION	B080	288	R 501	H.8/9.3	1 0	B1,F	19 00	33+ 086001	M521 02E12	F7 2 A
RHR-DP1S-29A RHR DIF PRESS LOOP A RET TO PRV	B080	288	R 501	J.6/3.6	2 0	G	19 00	33+ 086001	M521 02E12	H10 2 A
RHR-DP1S-29B RHR DIF PRESS LOOP B RET TO PRV	B080	288	R 501	H.8/7.3	2 0	G	14 00	33+ 086001	M521 02E12	H11 2 A
RHR-DP1S-9A RHR DIF PRESS LOOP A RET TO PRV	B080	288A	R 527	H.9/5.0	1 0	C,E	121	09 086001	M521 02E12	H11 2 A
RHR-DP1S-9B RHR DIF PRESS LOOP B RET TO PRV	B080	288A	R 526	H.8/6.1	1 0	C,E	14 00	33+ 086001	M521 02E12	H7 2 A
RHR-DP1S-9C RHR DIF PRESS LOOP A RETURN TO PRV	B080	288A	R 526	H.9/6.8	1 0	C,E	14 00	33+ 086001	M521 02E12	F11 2 A
RHR-FIS-10A SHUTDOWN COOLING LOOP "A" FLOW	B080	288	R 505	J.6/3.6	1 3	I	121	10 140001	M521 02E12	H12 3 A
RHR-FIS-10B SHUTDOWN COOLING LOOP "B" FLOW	B080	288	R 503	H.9/9.3	1 3	I	121	10 140001	M521 02E12	H14 3 A
RHR-FIS-10C LOOP "C" FLOW TO VESSEL	B080	288	R 505	H.7/9.3	1 0	I	121	10 140001	M521 02E12	C7 3 A
RHR-FI-13 FLOW TRANSMIT TO REACTOR HD SPRAY(RH 11)	G080	111DHAA4MCF	R 552	M.6/5.3	2 3	G		156003	M521 02	H16 3 A
RHR-FI-15A FLOW TRANSMIT TO COOLING LOOP A	R369	1151	R 503	J.6/3.6	1 3	I	14 00	33+ 156005	M521 02	H13 3 A

PROGRAM CIE-SQRT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
UNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00184
DATE 10/01/82

EPN	MFG	MODEL	STATUS S E	TH HL TEST ANL FO C	FREQ	A/E DRAWING	A/E ZONE
DESCRIPTION		BLDG ELEV	DETAIL	USE SAFETY FUNCTION	QID	CONTRACT	LEVEL EC.
RHR-FI-15D	B042	555	P P				
FLOW TRANSMIT TO COOLING LOOP B		R 503 H8/9.3		1 3 1	156003	02	H521 H5 3 A
RHR-FI-15C	B042	555	P P				
FLOW TRANSMITTER TO LOOP C		R 501 H.9/9.3		1 0 1	156003	02	H521 D7 3 A
RHR-1/P-1A	F130	546	B	W H 041			
RHR-LCV-65A CONTROL LOOP IR-71		R 526 J.0/6.9		3 1	182001		H521 J11 3 A
RHR-1/P-1D	F130	546	B	W H 041			
RHR-LCV-65B CONTROL LOOP IR-69		R 525 H.0/8.1		3 1	182001	02	H521 J11 3 A
RHR-1/P-3A	F130	546	B	W H 041			
AIR SUPPLY TO RHR-SPV-51A IR-71		R 526 J.0/6.9		3 1	182001	02	H521 K13 3 A
RHR-1/P-3D	F130	546	B	W H 041			
AIR SUPPLY TO RHR-SPV-51B		R 525 H.0/8.1		3 1	182001	02	H521 K4 3 A
RHR-LMS-111A	H007	02900X	P P	Y			
LIMIT SWITCH ON RHR-V-111A		C 563 20 D AZ R19		2 0 C,E	200009	02E12	H521 G9 3 A
RHR-LMS-111B	H007	02900X	P P	Y			
LIMIT SWITCH FOR RHR-V-111B		C 563 158 D AZ R19		2 0 C,E	200009		H521 G8 3 A
RHR-LMS-111C	H007	1703100	P P	Y			
LIMIT SWITCH FOR RHR-V-111C		C 563 325 D AZ R20		2 0 C,E	200009		H521 G9 3 A
RHR-LMS-112A	H007	1703100	P P	Y			
LIMIT SWITCH FOR RHR-V-112A		C 512 79 D AZ R21		2 3 C,E	200009		H521 G9 3 A
RHR-LMS-112B	H007	1703100	P P	Y			
LIMIT SWITCH FOR RHR-V-112B		C 512 265 D AZ R20		2 3 C,E	200009		H521 G8 3 A
RHR-LMS-113	H007	1703100	P P	Y			
LIMIT SWITCH FOR RHR-V-113		C 512 165 D AZ R22		2 3 C,E	200009		H521 F9 3 A
RHR-LMS-41A	H007	1703100	P P	Y			
LIMIT SWITCH FOR RHR-V-41A		C 563 20 D AZ R19		2 0 C,E	200009		H521 G8 3 A
RHR-LMS-41B	H007	1703100	P P	Y			
LIMIT SWITCH FOR RHR-V-41B		C 563 58 D AZ R19		2 0 C,E	200009		H521 G10 3 A
RHR-LMS-41C	H007	1703100	P P	Y			
LIMIT SWITCH FOR RHR-V-41C		C 563 360 D AZ R20		2 0 C,E	200009		H521 G10 3 A
RHR-LMS-50A	H007	1703100	P P	Y			
LIMIT SWITCH FOR RHR-V-50A		C 512 100 D AZ R25		2 3 C,E	200009		H521 G10 3 A
RHR-LMS-50B	H007	1A790	P P	Y			
LIMIT SWITCH FOR RHR-V-50B		C 50A 270 D AZ R27		2 3 C,E	200009		H521 G8 3 A
RHR-LMS-V/A9	H007	1703100	P P				
LIMIT SWITCH FOR RHR-V-A9		R 553 H.2/8.1		2 0 C,E	200009		H521 J1 3 A

EPN	MFG DESCRIPTION	MODEL	BLDG ELEV	STATUS S E DETAIL	**SEISMIC (S) PARAMETERS**			FREQ OID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					1M	HL TEST	ANL FD C			
					USE	SAFETY FUNCTION				
RIIR-LS-10A	M040	751-SPX-M14		B A						
RIIR DRAIN POT LOOP B			R 474	M.2/7.9	2 1	C		207011	M521 215	D4 2 A
RIIR-LS-10B	M040	751-SPX-M14		B A						
RIIR DRAIN POT LOOP B			R 474	M.0/7.8	2 1	C		207011	M521 215	D4 2 A
RIIR-LS-10C	M040	751-SPX-M14		B A						
RIIR DRAIN POT LOOP D			R 474	M.2/7.9	2 1	C		207011	M521 215	D4 2 A
RIIR-LS-10D	M040	751-SPX-M14		B A						
RIIR DRAIN POT LOOP B			R 474	M.2/7.8	2 1	C		207011	M521 215	D4 2 A
RIIR-LS-11A	M040	751-SPX-M14		B A						
RIIR DRAIN POT LOOP A			R 474	K.0/8.0	2 1	C		207011	M521 215	D14 2 A
RIIR-LS-11D	M040	751-SPX-M14		B A						
RIIR DRAIN POT LOOP A			R 474	K.0/8.0	2 1	C		207011	M521 215	D14 2 A
RIIR-LS-11C	M040	751-SPX-M14		B A						
RIIR DRAIN POT LOOP A			R 474	K.0/8.0	2 1	C		207011	M521 215	D13 2 A
RIIR-LS-11D	M040	751-SPX-M14		B A						
RIIR DRAIN POT LOOP A			R 474	K.0/8.0	2 1	C		207011	M521 215	D13 2 A
RIIR-LT-8A	D000	352/358		R M						
LEVEL TRANSMITTER IIX-A			R 548	J.0/8.6	2 1	C.E		00. 209001	M521 317	H14 2 A
RIIR-LT-8B	D000	352/358		R M						
LEVEL TRANSMITTER IIX-B			R 548		2 1	C.E		00. 209001	M521 317	H4 2 A
RIIR-M-2A	G080	5K6339XC122A/P236		R A						
800HP/105A MOTOR FOR RIIR-P-2A			R 422	K/8.6	1 3	C.E		213032	M521 02E12	B12 2 A
RIIR-M-2B	G080	5K6339XC122A/P236		R A						
800HP/105A MOTOR FOR RIIR-P-2B			R 429	L.8/8.5	1 3	C.E		213032	M521 02E12	B6 2 A
RIIR-M-2C	G082	5K6339XC122A		R A						
800HP/105A MOTOR FOR RIIR-P-2C			R 429	H.7/4.6	1 0	C.E		213032	M521 02E12	B9 2 A
RIIR-M-3	U120	75040786		D B						
15HP/10.5A MOTOR FOR RIIR-P-3			R 429	H.4/4.8	2 3	C.E		213016	M521 35A	B9 2 A
RIIR-MO-11A	L200	SHD-000-5/K4R		S B						
.33HP .95A MOTOR OPER. RIIR-V-11A			R 475	K.2/8.1	1 1	B1,C.E		33. 221001	M521 41A	F12 2 A
RIIR-MO-11B	L200	SHD-000-5/K4R		S B						
.333HP MOTOR OPERATOR RIIR-V-11B			R 475	L.8/8.1	1 1	B1,C.E		33. 221001	M521 41A	E7 2 A
RIIR-MO-124A	L200	SHC-04		S A						
1HP MOTOR OPERATOR RIIR-V-124A			R 473	K.3/8.1	1 1	C		33. 221001	M521 215	D14 2 A
RIIR-MO-124B	L200	SHC-04		S A						
5.3HP/16.8-8.4A MO FOR RIIR-V-124B			R 473	K.4/8.1	1 1	C		33. 221001	M521 215	D14 2 A

EPN	MFG	MODEL	STATUS S E	***SEISMIC (S) PARAMETERS*** TH HL TEST ANL FO C FREQ A/E DRAWING A/E ZONE USE SAFETY FUNCTION .010 CONTRACT LEVEL EC
DESCRIPTION	BLDG ELEV	DETAIL		
RHR-MO-125A .33HP MOTOR OPERATOR RHR-V-125A	L200 SMC-04/42	S A R 473 L.5/8.0	1 1 C	M521 221001 215 2 A
RHR-MO-125B .33 HP MOTOR OPERATOR RHR-V-125B	L200 SMC-04/42	S A R 473 L.4/8.0	1 1 C	M521 221001 215 2 A
RHR-MO-134A MOTOR OPERATOR RHR-V-134A	L200 SMC-04-5	R A R 548 9.0/K.1	P 114 1 0 D	M521 221001 215 2 A
RHR-MO-134B MOTOR OPERATOR RHR-V-134B	L200 SMC-04-5	C A R 548 L5/9.2	P 114 1 0 D	M521 221001 215 2 A
RHR-MO-16A 10.6HP 13.8A MOTOR OPER. RHR-V-16A	L200 SMB-2-80/C215Y	S A R 556 4.4/L.0	P Y 114 1 0 B1,C,E	M521 221001 41A 2 A
RHR-MO-16B 10.6HP 13.8A MOTOR OPER. RHR-V-16B	L200 SMB-2-80/C215Y	S A R 516 K.7/8.1	P Y 114 1 0 B1,C,E	M521 221001 41A 2 A
RHR-MO-17A 10.6HP 13.8A MOTOR OPER. RHR-V-17A	L200 SMB-2-80/C215Y	S A R 556 4.4/L.0	P Y 114 1 0 B1,C,E	M521 221001 41A 2 A
RHR-MO-17D 10.6HP 13.8A MOTOR OPER. RHR-V-17B	L200 SMB-2-80/C215Y	S A R 516 K.5/8.0	H 14.00 1 0 B1,C,E	M521 221001 41A 2 A
RHR-MO-21 5.3HP 8.4A MOTOR OPER. RHR-V-21	L200 SMB-3-80/213R3	S A R 455 5.2/11.4	P Y 114 1 0 B1,C,E	M521 221001 41B 2 A
RHR-MO-23 1.08HP 4.7A MOTOR OPER. RHR-V-23	L200 SMB-0-15/056F	A A R 552 5.4/H.6	P H 114 1 3 B1,C	M521 221001 41B 2 A
RHR-MO-24A 5.3HP 9.3A MOTOR OPER. RHR-V-24A	L200 SMB-3-80/213R3	S A R 476 K.0/8.1	P Y 114 1 3 B1,C,E	M521 221001 41B 2 A
RHR-MO-24B 5.3HP MOTOR OPERATOR RHR-V-24B	L200 SMB-3-80/213R3	S A R 476 H.2/8.1	P Y 114 1 3 B1,C,E	M521 221001 41B 2 A
RHR-MO-26A 0.333HP MOTOR OPERATOR RHR-V-26A	L200 SMB-000-5/K48	A A R 476 K.5/8.2	Y 14.00 3 1	M521 221001 41A 2 A
RHR-MO-26B 0.333HP MOTOR OPERATOR RHR-V-26B	L200 SMB-000-5/K48	S A R 474 L.2/8.1	P Y 114 3 1	M521 221001 41A 2 A
RHR-MO-27A 0.5HP MOTOR OPERATOR RHR-V-27A	L200 SMB-00-7.5/L56	S A R 495 K.3/4.1	Y 114 1 0 B1,C,E	M521 221001 41A 2 A
RHR-MO-27B 0.5HP MOTOR OPERATOR RHR-V-27B	L200 SMB-00-7.5/L56	S A R 495 K.3/4.1	P Y 114 1 0 B1,C,E	M521 221001 41A 2 A
RHR-MO-3A 2.6HP MOTOR OPERATOR RHR-V-3A	L200 SMB-1-40/156	A A R 562 R.5/J.0	P H 114 2 3 C,E	M521 221001 41A 2 A
RHR-MO-3B 2.6HP MOTOR OPERATOR RHR-V-3B	L200 SMB-1-40/156	A A R 560 R.4/H	P H 114 2 3 C,E	M521 221001 41A 2 A

EPN	MFG	MODEL	STATUS		**SEISMIC (S) PARAMETERS**			FREQ	A/E DRAWING	A/E ZONE
			S E	DETAIL	TH HL TEST RHL FO C	USE	SAFETY FUNCTION			
DESCRIPTION	BLOG	FLEV						QID	CONTRACT	LEVEL CC
RHR-MO-40 3HP 1.9A MOTOR OPER. RHR-V-40	L200	SMB-000-2/056AA	A A		P N 114			33+	M521	G4
				R 553 8.4/H.6	2 0	B2		221001	41B	2 A
RHR-MO-42A 19.5HP/25.2A MTR OP FOR RHR-V-42A	L200	SMB-3-150/256Y93	S A		P Y 114			33+	M521	G11
				R 528 J.0/6.0	1 0	B1,C,E		221001	41A	2 A
RHR-MO-42B 19.5HP 25.2A MOTOR OPER. RHR-V-42B	L200	SMB-3-150/256Y93	S A		P Y 114			33+	M521	G7
				R 528 H.0/5.0	1 0	B1,C,E		221001	41A	2 A
RHR-MO-42C 19.5HP 25.2A MOTOR OPER. RHR-V-42C	L200	SMB-3-150/256Y93	S A		P Y 114			33+	M521	G10
				R 528 J.0/6.0	1 0	B1,C,E		221001	41A	2 A
RHR-MO-47A 2.6HP/11.5-5.75A MO FOR RHR-V-47A	L200	SMB-1-40/156	A A		P N 114			33+	M521	J14
				R 502 H.3/B.4	2 3	C,E		221001	41A	2 A
RHR-MO-47D 2.6HP/11.5-5.75A MO FOR RHR-V-47D	L200	SMB-1-40/156	S A		P N 114			33+	M521	J3
				R 526 H.1/9.4	2 3	C,E		221001	41A	2 A
RHR-MO-48A 5.3HP 8.4A MOTOR OPER. RHR-V-48A	L200	SMB-3-80/213R3	A A		P N 114			33+	M521	J13
				R 555 8.6/J.2	1 3	C,E		221001	41B	2 A
RHR-MO-48B 5.3HP 8.4A MOTOR OPER. RHR-V-48B	L200	SMB-3-80/213R3	A A		P N 114			33+	M521	J5
				R 555 8.4/H.0	1 3	C,E		221001	41B	2 A
RHR-MO-49 0.333HP MOTOR OPERATOR RHR-V-49	L200	SMB-000-5/K9B	A A		P N 114			33+	M521	G4
				R 553 8.4/H.7	2 0	B2		221001	41A	2 A
RHR-MO-4A 2.66HP MOTOR OPERATOR RHR-V-4A	L120	379507W	S A		P Y 114			33+	M521	E11
				R 460 K.0/8.3	1 0	B1,C,E		221001	41A	2 A
RHR-MO-4B 2.66HP MOTOR OPERATOR RHR-V-4B	L200	SMB-0-40/156	S A		P Y 114			33+	M521	D6
				R 450 L2/8.3	1 0	B1,C,E		221001	41A	2 A
RHR-MO-4C 2.66HP MOTOR OPERATOR RHR-V-4C	L200	SMB-0-40/156	S B		P Y 114			33+	M521	D11
				R 450 J.7/4.3	1 0	B1,C,E		221001	41A	2 A
RHR-MO-52A 5.2HP MOTOR OPERATOR RHR-V-52A	L200	SMB-00-10/L56	A A		P N 114			33+	M521	K12
				R 578 H.6/9.2	2 1	C,E		221001	42A	2 A
RHR-MO-52B 5.2HP MOTOR OPERATOR RHR-V-52B	L200	SMB-00-10/L56	A A		P N 114			33+	M521	K5
				R 578 H.1/8.6	2 1	C,E		221001	42A	2 A
RHR-MO-53A 8.2HP MOTOR OPERATOR RHR-V-53A	L200	SMB-2-60/215RZ	S A		P Y 114			33+	M521	G11
				R 515 K.9/4.1	1 3	C,E,R1		221001	41B	2 A
RHR-MO-53B 7.9HP 10A MOTOR OPER. RHR-V-53B	L200	SMB-2-60/215RZ	S A		P Y 114			33+	M521	G7
				R 515 L.2/8.0	1 3	C,E,B1		221001	41B	2 A
RHR-MO-64A 2.65HP MOTOR OPERATOR RHR-FCV-64A	L120	SMB-000-5/48	A A		P N 114			33+	M521	C12
				R 446 K.0/9.3	1 3	B1,C,E		221001	215	2 A
RHR-MO-64B MOTOR OPERATOR RHR-FCV-64B	L200	SMB-000-5/48	A A		P N 114			33+	M521	C5
				R 446 H/9.0	1 3	B1,C,F		221001	215	2 A

EPN	MF6 DESCRIPTION	MODEL	STATUS S E BLOG ELEV DETAIL	SEISMIC (S) PARAMETERS TH HL TEST ANL FO C USE SAFETY FUNCTION	FREQ QID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
RHR-MO-64C	L200 SHB-000-5/158	A A	P H 114	33+ M521	C8		
MOTOR OPERATOR RHR-FCV-64C	R 446 J.0/5.0	1 0	B1,C,E	221001 215	2	A	
RHR-MO-68A	L200 SHB-0-40/156	A A	P H 114	33+ M521	H12		
2.6HP 5.75A MOTOR OPER. RHR-V-68A	R 558 9.3/J.1	1 3	C,E,F	221001 41A	2	A	
RHR-MO-68B	L200 SHB-0-40/156	A A	P H 114	33+ M521	H10		
2.6HP 5.75A MOTOR OPER. RHR-V-68B	R 555 9.3/H.8	1 3	C,E,F	221001 41A	2	A	
RHR-MO-6A	L200 SHB-0-25/156	A A	P H 114	33+ M521	C12		
2.66HP MOTOR OPERATOR RHR-V-6A	R 430 K.8/8.3	1 3	C,E	221001 41A	2	A	
RHR-MO-6B	6802 SHB-0-25/156	A A	P H 114	33+ M521	C6		
2.66HP MOTOR OPERATOR RHR-V-6B	R 430 L.8/8.5	1 3	C,E	221001 41A	2	A	
RHR-MO-73A	L200 SMC-04-5	A A	P H 114	33+ M521	J14		
2.0HP MOTOR OPERATOR RHR-V-73A	R 572 J8/9	2 3	G	221001 215	2	A	
RHR-MO-73B	L200 SMC-04-5	C A	F 114	33+ M521	J3		
2.0HP MOTOR OPERATOR RHR-V-73B	R 572	2 3	G	221001 215	2	A	
RHR-MO-74A	L200 SMC-04-5	A	P H 114	33+ M521	J14		
2.0HP MOTOR OPERATOR RHR-V-74A	R 572	2 3	G	221001 215	2	A	
RHR-MO-74B	L200 SMC-04-5	C A	P 114	33+ M521	J3		
2.6HP MOTOR OPERATOR RHR-V-74B	R 572	2 3	G	221001 215	2	A	
RHR-MO-8	L200 SHB-2-80/DS224B	S A	P Y 114	33+ M521	F11		
5.8HP MOTOR OPERATOR RHR-V-8	R 512 M.9/7.3	1 3	B1,C,E	221001 41A	2	A	
RHR-MO-87A	L200 SHB-00-10/L56	A A	P H 114	33+ M521	K13		
3.89HP MOTOR OPERATOR RHR-V-87A	R 578 J/9.3	2 1	C,E	221001 42A	2	A	
RHR-MO-87B	L200 SHB-00-10/L56	A A	P H 114	33+ M521	K4		
MOTOR OPERATOR RHR-V-87B	R 578 M.8/8.6	2 1	C,E	221001 42A	2	A	
RHR-MO-9	L200 SHB-2-60/215R2	S M	P Y 114	33+ M521	F10		
10.6HP MOTOR OPERATOR RHR-V-9	C 509 150 D AZ R23	1 3	B1,C,E	221001 41A	2	A	
RHR-MO-99A	L200 SHB-000-5/P18	S A	P Y 114	33+ M521	G10		
MOTOR OPERATOR FOR RHR-V-123A	C 514 95 D AZ R2B	2 3	B1,C,E	221001 215	2	A	
RHR-MO-99B	L200 SHB-000-5/P18	S A	P Y 114	33+ M521	G8		
MOTOR OPERATOR FOR RHR-V-123B	C 510 270D AZ R27	1 0	D1	221001 215	2	A	
RHR-PIS-22A	R290	A A		M521	B15		
PRESSURE INDICATING SWITCH	R 503 J.0/9.4	2 3	G	245002 02	2	A	
RHR-PIS-22B	1204 0288	A A	R H 110	33+ M521	B3		
PRESSURE INDICATING SWITCH	R 505 H.9/9.3	2 3	G	245002 02	2	A	
RHR-PIS-22C	R290			M521	B		
PRESSURE INDICATING SWITCH	R 501 H.8/9.4	2 0	G	245002 02	2	A	

EPN	MFG	MODEL	STATUS S E	SEISMIC (S) PARAMETERS				FREQ 010	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
				TH	HL	TEST	ANL FO C			
DESCRIPTION		BLDG ELEV	DETAIL	USE	SAFETY	FUNCTION				
RHR-PS-16A ADS PERMISSIVE (10-240 PSIG)	S382	5H-AA3-(X10)-STT	A A	R	N	110		33+	M521	B13
				1	0	C,E		256016	02E12	2 A
RHR-PS-16D ADS PERMISSIVE (10-240 PSIG)	S382	5H-AA3X105TT	A A	R	N	110		33+	M521	B5
				1	0	C,E		256016	02E12	2 A
RHR-PS-16C ADS PERMISSIVE (10-240 PSIG)	S382	5H-AA3X105TT	A A	R	N	110		33+	M521	B7
				1	0	C,E		256016	02E12	2 A
RHR-PS-18 PRESS SWITCH SHUTDOWN COOL SUCT.	S382	5H-AA3-11X7	A H	R	N	110		33+	M521	F12
				2	0	C,E		256016	02E12	2 A
RHR-PS-19A ADS PERMISSIVE (10-240 PSIG) PUMP	S382	5H-AA3-(X10)-STT	A A	R	N	110		33+	M521	B13
				1	0	C,E		256016	02	2 A
RHR-PS-19D ADS PERMISSIVE (10-240 PSIG) PUMP	S382	5H-AA3-(X10)-STT	A A	R	N	110		33+	M521	B4
				1	0	C,E		256016	02	2 A
RHR-PS-19C ADS PERMISSIVE (10-240 PSIG) PUMPC	S382	5H-AA3-(X10)-STT	A A	R	N	110		33+	M521	D8
				1	0	C,E		256016	02	2 A
RHR-PT-26A PRESSURE TRANSMITTER RCIC LOOPA	B040	556	A P	R					M521	K14
				2	1	C		259012	02E12	2 A
RHR-PT-26B PRESSURE TRANSMITTER RCIC LOOPB	B040	556	A P	R					M521	K4
				2	1	C		259012	02E12	2 A
RHR-PT-28 PRESS TRANS. RCIC SUPPLY	B040	556	A D	R					M521	F13
				3	1			259012	02E12	2 A
RHR-SPV-41A SOLENOID FOR TESTABLE CHECK V-41A	A499	WJHT831654	A H	R	N	114	03	33+	M521	G10
				3	0			315004	58	2 A
RHR-SPV-41D SOLENOID FOR TESTABLE CHECK V-41B	A499	WJHT831654	A H	R	N	113	03	33+	M521	H8
				3	0			315004	58	2 A
RHR-SPV-41C SOLENOID FOR TESTABLE CHECK 41C	A499	WJHT831654	D	R	N	114	03	33+	M521	F10
				3	0			315004	58	2 A
RHR-SPV-50A RHR SHUTDOWN COOLING LOOP A ISOLAT	A499	WJHT851654	A H	R	N	114	03	33+	M521	G10
				3	0			315004	58	2 A
RHR-SPV-50D RHR SHUTDOWN COOLING LOOP D ISOLAT	A499	WJHT851654	A	R	N	114	03	33+	M521	G8
				3	0			315004		2 A
RHR-SPV-51A RCIC TO RHR HEAT EXCH A IR -71-	A499	WJHT831654	A H	R	N	21	00	33+	M521	K13
				3	1			315004	58	2 A
RHR-SPV-51B RHR-V-510 IR -69-	A610	WJHT831654	A	R	N	114	03	33+	M521	K4
				3	1			315016	58	2 A
RHR-SPV-65A RHR HEAT EXCHANGER A LEVEL CONTROL	A499	WJHT831654	A H	R	N	21	00	33+	M521	H13
				3	1			315004	58	2 A

EPN	HFG DESCRIPTION	MODEL	BLOG ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***			FREQ OID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TM	HL	TEST ANL FO C USE SAFETY FUNCTION			
RHR-SPV-65B RHR HEAT EXCHANGER B LEVEL CONTROL	A499	WJHT831654	R 526 N.0/8.2	A.N	R	H	21 00	33+ 315004	M521 58	H4 2 A
RHR-SPV-89 SOLENOID VLVE FOR RHR-V-89	A499	WJHT831654	R 578 N.0/8.1	A	R	H	114 03	33+ 315004	M521 58	J6 2 A
RHR-TE-27A TEMPERATURE ELEMENT (PRIMARY)	N070	117C3485P022	R 565 K/A	R.H	H	I	01	99+ 339023	M521 02	H13 2 A
RHR-TE-27D TEMPERATURE ELEMENT (PRIMARY)	N070	117C3485P022	R 548	R.H	H	I	01	99+ 339023	M521 02	H5 2 A
RHR-TE-4A TEMPERATURE ELEMENT (PRIMARY)	N070	117C3485P022	R 572	R.H	H	I	01	99+ 339023	M521 02	J13 2 A
RHR-TE-4D TEMPERATURE ELEMENT (PRIMARY)	N070	117C3485P022	R 572	R.H	H	I	01	99+ 339023	M521 02	J4 2 A
RHR-TE-5A RHR-IX-2A SSW OUTLET TEMP	N070	117C3485P022	R 560 J3/A.5	R.H	H	G	01	99+ 339023	M521 02E12	H11 2 A
RHR-TE-5B RHR-IX-2B SSW OUTLET TEMP	N070	117C3485P022	R 560 L.0/8.3	R.H	H	G	01	99+ 339023	M521 02E12	H12 2 A
RHR-V-102 .75" VALVE DRAIN FOR RHR-V-115	N090	202033	R 548 L.0/9.0	B.I	V	H	200 01	99+ 324006	M521 215	J6 2 A
RHR-V-60A .75" SOL PROCESS SAMPLING CONN B	N090	202033	R 548 N.0/8.3	B.I	V	H	200 01	99+ 324006	M521 215	J12 2 A
RHR-V-60B .75" SOL PROCESS SAMPLING CONN B	N090	202033	R 548 K.0/8.3	B.I	V	H	200 01	99+ 324006	M521 215	J5 2 A
RHR-V-75A .75" SOL PROCESS SAMPLING CONN B H	N090	202033	R	B.I	V	H	200 01	99+ 324006	M521 215	J12 2 A
RHR-V-75D .75" SOL PROCESS SAMPLING CONN B H	N090	202033	R	B.I	V	H	200 01	99+ 324006	M521 215	J5 2 A
ROA-DPS-11A ROA-FN-1D CONTROL LOC-AL-	D282	MODEL 1627	R 572 N.1/5.0	R					M545 216	G7 2 A
ROA-DPS-11B ROA-FN-1A CONTROL LOC-AL-	D282	MODEL 1627	R 572 N.8/5.0	R					M545 216	G6 2 A
ROA-LMS-10	N007	70050100	R 542 H.5/3.9	P.P		J		200014	M545	E14 2 A
ROA-LMS-11	N007	70050100	R 542 H.7/8.2	P.P		J		200014	M545	E8 2 A
ROA-LMS-12 LIMIT SWITCH ON ROA-AD-12	N007	70050100	R 490 H.7/8.2	P.P		J		200014	M545 216	C7 2 A

PROGRAM CIE-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00191
DATE 10/01/82

EPN	HFG	MODEL	STATUS	***SEISMIC (S) PARAMETERS***	TH HL TEST ANL FO C	FREQ	A/E DRAWING	A/E ZONE
DESCRIPTION		BLDG ELEV	S E	USE SAFETY FUNCTION	QID	CONTRACT	LEVEL EC	
ROA-LMS-13	N007	70050100	P P					
		R 591 H.5/6.0		1 0 J	200014	H595 216	G14	2 A
ROA-LMS-14	N007	70050100	P P					
		R 591 H.1/8.3		1 0 J	200014	H595 216	G13	2 A
ROA-LMS-15	N007	70050100	P P					
LIMIT SWITCH ON ROA-AD-15		R 563 H.0/4.3		1 0 J	200014	H595 216	G12	2 A
ROA-LMS-17	N007	70050100	P P					
LIMIT SWITCH ON ROA-AD-17		R 563 H.0/4.9		1 0 J	200014	H595 216	G14	2 A
ROA-LMS-19	N007	70050100	P P					
		R 560 L.0/8.0		1 0 J	200014	H595	FB	2 A
ROA-M-1A	R165	P44G8024A-GS-1Z/445T	B	N 04		H595	G6	
200HP/22BA MOTOR FOR ROA-FN-1A		R 582 H.2/4.8		3 3 B,D	213042	64	2 A	
ROA-M-1B	R165	P44G8024A-G1-1Z/445T	B	N 04		H595	G6	
200HP/22BA MOTOR FOR ROA-FN-1B		R 572 H.2/4.8		3 3 B,D	213042	64	2 A	
ROA-RLY-CR1A			R D			E519/12	D7	
		R 548 H.8/6.0		3 3			3 A	
ROA-RLY-CR200			R D	F		E519/12	D7	
		R 522 H.0/8.3		3 3			3 A	
ROA-SPV-10	A610	HBXB320A-1	C B	D N 114 03	33+	H595	E15	
DIV II MCC ROOM DAMPER SOL PILOT -		R 522 H.6/4		1 0 J	315002	216	2 A	
ROA-SPV-100	A610	WJHTB316E35F	A H	P N 114 03	33+	H595	F3	
ROA-V-1 SOL PILOT VA -		R 548 H.8/5.7		1 3 B2,F	315004	216	2 A	
ROA-SPV-11	A610	HBXB320A-1	C B	D N 114 03	33+	H595	D7	
DIV I MCC ROOM DAMPER SOL PILOT -		R 522 H.4/8.3		1 0 J	315002	216	2 A	
ROA-SPV-12	A610	HBXB320A-1	C B	D N 114 03	33+	H595	C7	
DC MCC ROOM DAMPER SOL PILOT -		R 471 H.4/7.8		1 0 J	315002	216	2 A	
ROA-SPV-13	A610	HBXB320A-1	C B	D N 114 03	33+	H595	G15	
H2 RECONB MCC RM (DIV I) DAMPER SO		R 575 H.4/5.7		1 0 J	315002	216	2 A	
ROA-SPV-14	A610	HBXB320A-1	C B	D N 114 03	33+	H595	G14	
H2 RECONB MCC RM (DIV II) DAMPER S		R 572 H.8/7.8		1 0 J	315002	216	2 A	
ROA-SPV-15	A610	HBXB320A-1	C B	D N 114 03	33+	H595	G13	
SOLENOID PILOT VALVE		R 548 H.4/4.3		1 0 J	315002	216	2 A	
ROA-SPV-17	A610	HBXB320A-1	C B	D N 114 03	33+	H595	G14	
ANALYZER RM 1B DAMPER SOL PILOT LO		R 548 H.4/4.4		1 0 J	315002	216	2 A	
ROA-SPV-200	A499	WJHTB316E35F	A H	P N 114 03	33+	H595	F3	
ROA-V-2 SOL PILOT VA -		R 520 H.1/2		1 3 B2,F	315004	216	2 A	

PROGRAM C1E-SQRT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00192
DATE 10/01/82

EPN	HFG	MODEL	STATUS S E	BLOG ELEV	***SEISMIC (S) PARAMETERS***				FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TH	HL	TEST	ANL FO C			
DESCRIPTION			DETAIL		USE		SAFETY	FUNCTION	QID		
RPS-PS-2A	S382	12H-AA4-X10IT	A A	R N 110	33+	807E1781C/	6C3				
HIGH DRYWELL PRESSURE 0.2-6 PSI				R 525 4.5/7.1	1 0	A			256016	02C72	2 A
RPS-PS-2B	S382	12H-AA4-X10IT	A A	R N 110	33+	807E1781C/	7C3				
HIGH DRYWELL PRESSURE 0.2-6 PSI				R 525 H.8/6.6	1 0	A			256016	02C72	2 A
RPS-PS-2C	S382	12H-AA5-X10IT	A A	R N 110	33+	807E1781C/	6J3				
HIGH DRYWELL PRESSURE 0.2-6 PSI				R 526 H8/5.8	1 0	A			256016	02C72	2 A
RPS-PS-2D	S382	12H-AA5-X10IT	A A	R N 121 03	10	807E1781C/	7J3				
HIGH DRYWELL PRESSURE 0.2-6 PSI				R 528 H.4/4.2	1 0	A			256016	02C72	2 A
RPS-PS-4	B080	288A	A A	R N 121	09	H529	H13				
PRIM. CONT HIGH PRESS - -				R 522 J5/7.2	3 0				256007	02C72	2 A
RAA-M-1	W120	SBFC	A B						H545		B14
3HP/4.7A MOTOR FOR RRA-FN-1				R 445 H.7/4.3	1 3	J			213012	67	2 A
RAA-M-10	W120	FBEC/182T	D B						H545		E15
3HP/4.65A MOTOR FOR RRA-FN-10				R 522 H3/3.8	1 0	J			213023	67	2 A
RAA-M-11	W120	FBEC/182T	D B						H545		E7
3HP/4.65A MOTOR FOR RRA-FN-11				R 522 H5/8	1 0	J			213023	67	2 A
RAA-M-12	W120	TBAH	G D						H545		C7
3HP/5.5A MOTOR FOR RRA-FN-12				R 490 H.6/7.8	1 0	J			213015	216	2 A
RAA-M-13	W120	TBAH	G B						H545		H15
3HP/7A MOTOR FOR RRA-FN-13				R 585 H.3/6.1	1 0	J			213015	216	2 A
RAA-M-14	W120	TBAH	G B						H545		H13
3HP/5.5A MOTOR FOR RRA-FN-14				R 585 H.7/8.0	1 0	J			213015	216	2 A
RAA-M-15	W120	TBAH	G B						H545		G14
3HP/5.4A MOTOR FOR RRA-FN-15				R 560 H5/4.5	1 0	J			213015	216	2 A
RAA-M-17	W120	TBAH	G D						H545		G14
3HP/5.7A MOTOR FOR RRA-FN-17				R 548 H5/4.7	1 0	J			213015	216	2 A
RAA-M-19			R B						H545		G9
MOTOR FPC HEAT EXCH & PHP RM FLO				R 548 L10/8.4	1 3	J			215		2 A
RAA-M-2	W120	SBFC	A B						H545		D8
3HP/4.65A MOTOR FOR RRA-FN-2				R 445 L.0/8.3	1 3	J			213012	67	2 A
RAA-M-20			P D						H545		G8
MOTOR FPC HEAT EXCH & PHP RM FLO				R 548 L8/8.4	1 3	J			215		2 A
RAA-M-3	W120	7NFC	A B						H545		B10
3HP/4.65A MOTOR FOR RRA-FN-3				R 445 H.0/8.3	1 3	J			213012	67	2 A
RAA-M-4	W120	THFC							H545		B
10HP/7 MOTOR FOR RRA-FN-4				R 445 H.5/	1 0	J			213025	67	2

PROGRAM CIE-SQRT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00193
DATE 10/01/82

EPN	DESCRIPTION	MFG	MODEL	STATUS S E BLOG FLEV DETAIL	***SEISMIC (S) PARAMETERS***				FREQ QTD	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TM	HL	TEST	ANL FO C			
					USE		SAFETY	FUNCTION			
RRR-M-5	5HP/6.0A MOTOR FOR RRA-FN-5	M120	SBFC	A B	1 0	J			213013	M545 67	B13 A
RRR-M-6	2HP/3A MOTOR FOR RRA-FN-6	M120	TBFC	D B	1 1	J			213021	M545 67	B7 A
RRR-RMS-S1	LOCAL CONTROL SWITCH, RHR P RM 1	G080	CR2940	R M	2 3	J			285002	M545 218	A9 A
RRR-RMS-S2	CONTROL SWITCH-RRR-FN-2	G080	CR2940	R M	2 3	J			285002	M545 218	A8 A
RRR-RMS-S3	CONTROL SWITCH-RRR-FN-3	G080	CR2940	R M	2 3	J			285002	M545 218	A7 A
RRR-RMS-S4	CONTROL SWITCH-RRR-FN-4	G080	CR2940	R M	2 0	J			285002	M545 218	A14 A
RRR-RMS-S5	LOCAL CONTROL SWITCH, LPCS P RM 5	G080	CR2940	R M	2 0	J			285002	M545 218	A13 A
RRR-RMS-S6	LOCAL CONTROL SWITCH, LPCS P RM 6	G080	CR2940	R M	2 1	J			285002	M545 218	A12 A
RRR-FT-11A	FLOW TRANSMITTER	R369	11510PRA22MB	B	3 0					M530 02	G13 A
RRR-FT-11B	FLOW TRANSMITTER	R369	11510PRA22MB	B	3 0					M530 02	G5 A
RRR-FT-14A	FLOW TRANSMITTER	R369	11510P6B22MB	A B	3 0	N	114		50 156005	M530 02035	F13 A
RRR-FT-14B	FLOW TRANSMITTER	R369	1151016B22MB	A B	3 0	N	114		50 156005	M530 02035	F13 A
RRR-FT-14C	FLOW TRANSMITTER H22-P010	R369	11510P6B22MB	A B	3 0	N	114		50 156005	M530 02035	F13 A
RRR-FT-14D	FLOW TRANSMITTER H22-P009	R369	1151016B22MB	A B	3 0	N	114		50 156005	M530 02035	F13 A
RRR-FT-24A	FLOW TRANSMITTER	R369	11510P6B22MB	A B	3 0	N	114		50 156005	M530 02035	F4 A
RRR-FT-24B	FLOW TRANSMITTER H22-P022	R369	11510P6B22MB	A B	3 0	N	114		50 156005	M530 02035	F4 A
RRR-FT-24C	FLOW TRANSMITTER H22-P010	R369	11510P6B22MB	A B	3 0	N	114		50 156005	M530 02035	F4 A
RRR-FT-24D	FLOW TRANSMITTER H22-P009	R369	11510P6B22MB	A B	3 0	N	114		50 156005	M530 02035	F4 A

PROGRAM CIE-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00194
DATE 10/01/82

EPN	MFG	MODEL	STATUS	***SEISMIC (S) PARAMETERS***	FREQ	A/E DRAWING	A/E ZONE
DESCRIPTION	LOG ELEV	DETAIL	TH HL TEST ANL FO C	USE SAFETY FUNCTION	OID	CONTRACT	LEVEL EC
RRC-MO-16A	L200	R A				M530	C14
2HP MOTOR OPERATOR FOR RRC-V-16A	R 504 J.3/7.4	1 0 B1	221001	215	2	A	
RRC-MO-16B	L200	R A				M530	B14
2 HP MOTOR OPERATOR FOR RRC-V-16B	R 508 J2/7.3	1 0 B1	221001	215	2	A	
RRC-MO-23A	L200	SMB-2-25	B A	Y 14 00	33+	M530	D12
MOTOR OPERATOR RRC-V-23A	C 510 160 D AZ R15	3 0	221001	02	2	A	
RRC-MO-23B	L200	SMB-2-25	B A	Y 14 00	33+	M530	D6
6.4 HP MOTOR OPER FOR RRC-V-23B	C 510 340 D AZ R17	3 0	221001	02	2	A	
RRC-MO-67A	L200	SMB-3-60	B A	Y 14 00	33+	M530	E10
15.8HP MOTOR OPER FOR RRC-V-67A	C 514 102 D AZ R20	3 0	221001	02	2	A	
RRC-MO-67B	L200	SMB-3-60	B A	Y 14 00	33+	M530	E7
15.8 HP MOTOR OPER FOR RRC-V-67B	C 514 275 D AZ R20	2 0 G	221001	02	2	A	
RRC-PS-18A	S382	SHA3X105TT	A H	R H 121 03	10	M530	G12
PRESSURE SWITCH NON IND H22-P006	R 471 L.5/4	3 0 G	256016	02B35	3	A	
RRC-PS-18B	B062	16A05352EQ01-R000	A A	R H 14 00	33+	M530	F5
PRESSURE SWITCH NON IND H22-P022	R 471 H.6/8.1	1 0 B1	256002	02B35	2	A	
RRC-V-19	B350	P 01560	R D	Y		M530	F11
1" SO GATE SAMPLE RRC LOOPA RETURN	C 501 319 D AZ R35	2 0 B1,1	36100A	215	2	A	
RRC-V-20	B350	01560	R D			M530	F12
.75" SOLENOID PROCESS SAMP CONN	R 522 J/6.7	2 0 B1,1	36100B	215	2	A	
RVCU-FI-36	B095	111BHAA4WDP	A B	R H	33+	M523	F15
FLOW ELEMENT 35 PRESSURE BOUNDARY	R 526 H.8/5.0	1 0 B1,F	156003	02E31	3	A	
RVCU-FI-37		P B				M523	G12
EXTENSION OF SYSTEM PRESS BOUNDARY	C 473 J7/A.0	2 3 G	156003	02	3	A	
RVCU-FI-41	B095	555J11BHAA4WDP	A B	R H	33+	M523	H11
FLOW TRANSMITTER	R 522 H.8/5.0	1 0 B1,F	156003	02E31	3	A	
RVCU-MO-1	L200	SMB-0-25/R56	S A	P Y 114	33+	M523	F15
1.6HP 4.0A MOTOR OPER. RVCU-V-1	C 540 150 DEG	1 0 B1	221001	41A	2	A	
RVCU-MO-100	L200	SMB-00-10/L56	A	P Y 114	33+	M523	G14
.7HP 2.3A MOTOR OPER. RRC-V-100	C 501 69 D AZ R1A	3 0	221001	41A	2	A	
RVCU-MO-101	L200	SMB-00-10/L56	A	P Y 114	33+	M523	F14
0.66HP MOTOR OPERATOR RVCU-V-101	C 514 22 D AZ R1B	3 0	221001	41A	2	A	
RVCU-MO-102	L200	SMB-1-25/R56	A	P Y 114	33+	M523	G15
1.6HP 4A MOTOR OPER. RVCU-V-102	C 502 59 D AZ R20	3 0	221001	41B	2	A	
RVCU-MO-106	L200	SMB-00-10/L56	A	P Y 114	33+	M523	G1
0.66HP MOTOR OPERATOR RVCU-V-106	C 501 30 D	3 0	221001	41A	2	A	

PROGRAM CIE-SQRT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00195
DATE 10/01/82

EPN	HFG DESCRIPTION	MODEL	BLDG ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***			FREQ OTD	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					1M	HL	TEST ANL FO C USE SAFETY FUNCTION			
RVCU-MO-4	L200	SMB-D-25/DK56H		S A	P	Y	119	33+	M523	E15
1.8HP 7.5A MOTOR OPER. RVCU-V-4			R 538	H.7/5.0	1	0	B1	221001	41A	2 A
RVCU-MO-40	L200	SMB-D-25/R56		S A	P	Y	119	33+	M523	H11
1.6HP MOTOR OPER. RVCU-V-40			R 515	H.6/5.1	1	0	B1	221001	41A	2 A
S-SR-13+				A					M543	E6
H2/D2 SAMPLE RACK COMPOSITE			R 548	H6/4.5	1	0	I			1 A
S-SR-14+				A					M543	H14
H2/D2 SAMPLE RACK COMPOSITE			R 548	H6/4.6	1	0	I			1 A
S-SR-42+				A					M524	G11
			R 522	K.6/9.5	1	3	F, I			1 A
S-SR-43+				A					M524	G10
			R 522	H.1/9.5	1	3	F, I			1 A
SGT-CNTR-ESH1A	A160	702L-10093		A H	R	N	03	045001	18	2 A
			R 572	H8/6.2	3	0				
SGT-CNTR-ESH1B	A160	702L-10093		A H	R	N	03	045001	18	2 A
			R 572	J2/6.2	3	0				
SGT-CNTR-ESH2A	A160	702L-10093		A H	R	N	03	045001	18	2 A
			R 572	H8/7	3	0				
SGT-CNTR-ESH2B	A160	702L-10093		A H	R	N	03	045001	18	2 A
			R 572	J2/7	3	0				
SGT-OPIS-1A				A	R	N	04	M544	J13	
SGT-FU-1A AP ACROSS SGT-HS-1A LOC			R 572	H.8/6.4	3	0		18		2 A
SGT-OPIS-1B				A	R	N	04	M544	E13	
SGT-FU-1A AP ACROSS SGT-HS-1B LOC			R 572	J.5/6.4	3	0		18		2 A
SGT-OPIS-2A				A	R	N	04	M544	J12	
SGT-FU-1A AP ACROSS SGT-FL-1A-1 LOC			R 572	H.8/6.4	3	0		18		2 A
SGT-OPIS-2B				A	R	N	04	M544	E12	
SGT-FU-1B AP ACROSS SGT-HF-1B-1 LOC			R 572	J.5/6.4	3	0		18		2 A
SGT-OPIS-3A				A	R	N	04	M544	J12	
SGT-FU-1A AP ACROSS SGT-HF-1A-1 LOC			R 572	H.8/6.4	3	0		18		2 A
SGT-OPIS-3B				A	R	N	04	M544	E12	
SGT-FU-1B AP ACROSS SGT-CF-1B-1 LOC			R 572	J.5/6.4	3	0		18		2 A
SGT-OPIS-4A				A	R	N	04	M544	J11	
SGT-FU-1A AP ACROSS SGT-CF-1A-2 LOC			R 572	H.8/6.4	3	0		18		2 A
SGT-OPIS-4B				A	R	N	04	M544	E11	
SGT-FU-1B AP ACROSS SGT-CF-1B-2 LOC			R 572	J.5/6.4	3	0		18		2 A

PROGRAM C1E-SQRT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00196
DATE 10/01/82

EPN	HFG	MODEL	STATUS	***SEISHIC (S) PARAMETERS***	TH	HL	TEST	ANL	FO	C	FREQ	A/E	DRAWING	A/E	ZONE
DESCRIPTION	BLDG	ELEV	DETAIL	USE	SAFETY	FUNCTION	QID	CONTRACT	LEVEL	EC					
SGT-DPIS-5A			A	R M	0A						M544		J9		
SGT-FU-1A AP ACROSS	SGT-CF-1A-2 LOC	R 572 H.8/6.4		3 0							18	2	A		
SGT-DPIS-5B			A	R M	0A						M544		E9		
SGT-FU-1B AP ACROSS	SGT-HF-1B-2 LOC	R 572 J.5/6.4		3 0							18	2	A		
SGT-DPIS-6A			A	R M	0A						M544		J8		
SGT-FU-1A AP ACROSS	SGT-HF-1A-2 LOC	R 572 H.8/6.4		3 0							18	2	A		
SGT-DPIS-6B			A	R M	0A						M544		D8		
SGT-FU-1B AP ACROSS	SGT-HF-1B-2 LOC	R 572 J.5/6.4		3 0							18	2	A		
SGT-ENC-1A1	C332 2747499		A A	D M	200 03		11				M544		H13		
22.5 KW ELECTRIC HEATING COIL		R 576 H.7/5.6		1 0	D,F		109008	18	2	A					
SGT-ENC-1A2	C332 2747499		A A	D M	200 03		11				M544		H13		
ELECTRIC HEATING COIL		R 576 H.7/5.6		1 0	D,F		109008	18	2	A					
SGT-ENC-1B1	C332 2747499		A A	D M	200 03		11				M544		D13		
22.5 KW ELECTRIC HEATING COIL		R 576 H.7/5.6		1 0	D,F		109008	18	2	A					
SGT-ENC-1B2	C332 2747499		A A	D M	200 03		11				M544		D13		
ELECTRIC HEATING COIL		R 576 J.3/5.6		1 0	D,F		109008	18	2	A					
SGT-ENO-1A1	1206 NU91G2073E1E-2420		A T	P M	121 03		33+				M544		J7		
SGT-FN-1A1 INLET VANES OPER		R 575 H.3/7.8		1 0	D,F		110004	28	2	A					
SGT-ENO-1A2	1206 NU91G2073E1E-2420		A T	P M	121 03		33+				M544		G7		
SGT-FN-1A2 INLET VANES OPER		R 575 H.6/7.8		1 0	D,F		110004	28	2	A					
SGT-ENO-1B1	1206 NU91G2073E1E-2420		A T	P M	121 03		33+				M544		C7		
SGT-FN-1B1 INLET VANES OPER		R 575 J.2/7.8		1 0	D,F		110004	28	2	A					
SGT-ENO-1B2	1206 NU91G2073E1E-2420		A T	P M	121 03		33+				M544		E7		
SGT-FN-1B2 INLET VANES OPER		R 575 J.4/7.8		1 0	D,F		110004	28	2	A					
SGT-ESH-1A	C332 PT-502		A N	D M	200 03		11				M544		H11		
1.38 KW ELECTRIC STRIP HEATER		R 582 H.7/6.2		3 0			122001	18	2	A					
SGT-ESH-1B	C332 PT-502		A N	D M	200 03		11				M544		D11		
1.38 KW ELECTRIC STRIP HEATER		R 582 J.3/6.2		3 0			122001	18	2	A					
SGT-ESH-2A	C332 PT-502		A N	D M	200 03		11				M544		H11		
1.38 KW ELECTRIC STRIP HEATER		R 582 H.7/6.8		3 0			122001	18	2	A					
SGT-ESH-2B	C332 PT-502		A N	D M	200 03		11				M544		D10		
1.38 KW ELECTRIC HEATER		R 582 J.3/6.8		3 0			122001	18	2	A					
SGT-FS-2A1			R D	F							M544		H6		
SGT-FN-1A-2 DISCH. LOC-AL-		R 572 H.9/7.8		3 0							220	3	A		
SGT-FS-2A2			R D	F							M544		J6		
SGT-FN-1A-2 DISCH. LOC-AL-		R 572 H.9/7.8		1 0	D,F						220	3	A		

PROGRAM C1C-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WHP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00197
DATE 10/01/82

EPN	MFG	MODEL	STATUS S E	***SEISMIC IS) PARAMETERS*** TM HL TEST ANL FO C FREQ USE SAFETY FUNCTION QID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
DESCRIPTION		BLDG ELEV	DETAIL			
SGT-FS-201 SGT-FN-1B-2 DISCH. LOC-AL-		R 572 J.2/7.0	R P F	1 0 D.F	M544 220	E6 3 A
SGT-FS-202 SGT-FN-1B-1 DISCH. LOC-AL-		R 572 J.4/7.8	R D F	3 0 G	M544 220	C6 3 A
SGT-FI-1A1 FLOW AFTER SGT-FN-1A-1 LOC-AL-	R369 1151DP3022MBGE01	R 585 HB/7.1	B B F	1 0 F.I	M544 156005 59	J6 3 A
SGT-FI-1A2 FLOW AFTER SGT-FN-1A-2 LOC-AL-	R369 1151DP3022MBGE01	R 585 HB/7.1	B B F	1 0 F.I	M544 156005 59	G6 3 A
SGT-FI-1B1 FLOW AFTER SGT-FN-1B-1 LOC-AL-	R369 1151DP3022MBGE01	R 585 HB/7.1	B B F	1 0 F.I	M544 156005 59	C6 3 A
SGT-FI-1B2 FLOW AFTER SGT-FN-1B-2 LOC-AL-	R369 1151DP3022MBGE01	R 585 HB/7.1	B B F	1 0 F.I	M544 156005 59	F6 3 A
SGT-LMS-2A	H007 74080100	R 580 J.3/5.5	A	1 0 I	200015 68	3 A
SGT-LMS-2B	H007 74080100	R 580 J.4/5.2	A A	P. N. 114 1 0 I	330 200015 68	3 A
SGT-M-1A1 25HP/61-30.5A MOTOR FOR SGT-FN-1A1	V120 T8DP	R 576 H.5/7.6	A A F	1 0 D.F	M544 213017 28	F8 2 A
SGT-M-1A2 25HP/61-30.5A MOTOR FOR SGT-FN-1A2	V120 T8DP	R 576 H.9/7.6	B A F	1 0 D.F	M544 213017 28	G6 2 A
SGT-M-1B1 25HP/61-30.5A MOTOR FOR SGT-FN-1B1	V120 T8DP	R 576 J.2/7.6	A A F	1 0 D.F	M544 213017 28	C6 2 A
SGT-M-1B2 25HP/61-30.5A MOTOR FOR SGT-FN-1B2	V120 T8D	R 576 J.5/7.6	A A F	1 0 D.F	M544 213017 28	E6 2 A
SGT-MC-6A SGT-ENC-1A-2 CONTROL SYSTEM	C332 SWAGLOCK	R 582 H.7/5.5	B B D N 021	1 0 D.F	M544 215001 18	J13 3 A
SGT-MC-6B SGT-ENC-1B-1 CONTROL SYSTEM	H349 XMA/C103 HYGROMETRIX	R 572 J.4/5.5	B B D N 021	1 0 D.F	M544 215001 18	D13 3 A
SGT-MC-7A SGT-ENC-1A-1 CONTROL SYSTEM	C332 SWAGLOCK	R 582 H.7/5.5	B B D N 021	1 0 D.F	M544 215001 18	H13 3 A
SGT-MC-7B SGT-ENC-1B-2 CONTROL SYSTEM	C332 SWAGLOCK	R 582 J.3/5.5	B B D N 021	1 0 D.F	M544 215001 18	C13 3 A
SGT-ME-16A MOISTURE ELEMENT AFTER SGT-MC-1A	H349 XMS-7AP	R 582 H.7/5.5	B D N 021	3 0	M544 217001 18	J13 2 A
SGT-ME-16B MOISTURE ELEMENT AFTER SGT-MC-1B	H349 XMS-7AP	R 582 J.3/5.5	B D N 021	3 0	M544 217001 18	E13 2 A

PROGRAM CIE-SQRT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LIST

PAGE NO 00198

DATE 10/01/82

EPN	MFG	MODEL	STATUS	SEISMIC (S) PARAMETERS	TH HL TEST ANL FO C	FREQ	A/E DRAWING	A/E ZONE
DESCRIPTION		BLOG ELEV	DETAIL	USE SAFETY FUNCTION	Q10	CONTRACT	LEVEL EC	
SGT-ME-17A	H349	XMS-7AP	B	D N 021		M544	H13	
MOISTURE ELEMENT AFTER SGT-MS-1A		R 582 H.7/5.5		3 0		217001 18	2	A
SGT-ME-17B	H349	XMS-7AP	B	D N 021		M544	C13	
MOISTURE ELEMENT AFTER SGT-MS-1B		R 582 J.3/5.5		3 0		217001 18	2	A
SGT-ME-3A	H349	XMS-7AP	B	D N 021		M544	J11	
SGT-FU-1A MOIST. AFTER SGT-FH-1A-1		R 582 H.7/6.2		3 0		217001 18	2	A
SGT-ME-3B	H349	XMS-7AP	B	D N 021		M544	D11	
SGT-FU-1B MOIST. AFTER SGT-HF-1B-1		R 582 J.3/6.2		3 0		217001 18	2	A
SGT-ME-4A	H349	XMS-7AP	B	D N 021		M544	H11	
SGT-FU-1A MOIST. AFTER SGT-FH-1A-1		R 582 H.7/6.2		3 0		217001 18	2	A
SGT-ME-4B	H349	XMS-7AP	B	D N 021		M544	C11	
SGT-FU-1B MOIST. AFTER SGT-HF-1B-1		R 582 J.3/6.2		3 0		217001 18	2	A
SGT-ME-5A	H349	XMS-7AP	B	D N 021		M544	J10	
SGT-FU-1A MOIST. AFTER SGT-CF-1A-1		R 582 H.7/5.5		3 0		217001 18	2	A
SGT-ME-5B	H349	XMS-7AP	B	D N 021		M544	D10	
SGT-FU-1B MOIST. AFTER SGT-CF-1B-1		R 582 J.3/5.5		3 0		217001 18	2	A
SGT-ME-6A	H349	SWAGLOCK	A B	D N 021		M544	J13	
SGT-FU-1A MOIST. AFTER SGT-MS-1A L		R 582 H.7/5.5		1 0 D.F		217001 18	2	A
SGT-ME-6B	H349	XMS-7AP	A B	D N 021		M544	E13	
SGT-FU-1B MOIST. AFTER SGT-MS-1B L		R 582 J.3/5.5		1 0 D.F		217001 18	2	A
SGT-ME-7A	H349	XMS-7AP	A B	D N 021		M544	H13	
SGT-FU-1A MOIST. AFTER SGT-MS-1A L		R 582 H.7/5.5		1 0 D.F		217001 18	2	A
SGT-ME-7B	H349	XMS-7AP	A B	D N 021		M544	C13	
SGT-FU-1B MOIST. AFTER SGT-MS-1B L		R 582 J.3/5.5		1 0 D.F		217001 18	2	A
SGT-MO-1A	L200	SHB-00-10/P58	A A	P N 114		M544	H15	
1.3HP/4.8-2.4A MOTOR OPER SGT-V-1A		R 582 H.8/5.2		1 0 D.F		221001 68	2	A
SGT-MO-1B	L200	SHB-00-10/P58	A A	P N 114		M544	E15	
1.3HP/4.8-2.4A MOTOR OPER SGT-V-1B		R 582 J.3/5.5		1 0 D.F		221001 68	2	A
SGT-MO-3A1	L200	SHB-00-10/P56	A A	P N 114		M544	G7	
1.3HP 2.4A MOTOR OPER. SGT-V-3A1		R 578 H.7/7.7		1 0 D.F		221001 68	2	A
SGT-MO-3A2	L200	SHB-00-10/P56	A A	P N 114		M544	J7	
1.33HP 2.4A MOTOR OPER. SGT-V-3A2		R 578 H.8/7.7		1 0 D.F		221001 68	2	A
SGT-MO-3D1	L200	SHB-00-10/P56	A A	P N 114		M544	E7	
1.33HP 2.4A MOTOR OPER. SGT-V-3D1		R 578 J.3/7.7		1 0 D.F		221001 68	2	A
SGT-MO-3D2	L200	SHB-00-10/P56	A A	P N 114		M544	C7	
1.33HP 2.4A MOTOR OPER. SGT-V-3D2		R 578 J.1/7.7		1 0 D.F		221001 68	2	A

PROGRAM CIE-SQRT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LIST

PAGE NO 00199

DATE 10/01/82

EPN	HFC	MODEL	STATUS	SEISMIC (S) PARAMETERS	TH HL TEST ANL FO C	FREQ	A/C DRAWING	A/E ZONE
DESCRIPTION		BLOG ELEV	S E	USE SAFETY FUNCTION		DID	CONTRACT	LEVEL EC
SGT-MO-4A1	L200	SHB-00-10/P56	A A	P H 114	33+	M544	H5	
1.33HP 2.4A MOTOR OPER. SGT-V-4A1		R 588 H.4/7.0	1 0	D.F	221001	68	2	A
SGT-MO-4A2	L200	SHB-00-10/P56	A A	P H 114	33+	M544	C5	
1.33HP 2.4A MOTOR OPER. SGT-V-4A2		R 588 J.0/7.0	1 0	D.F	221001	68	2	A
SGT-MO-4B1	L200	SHB-00-10/P56	A A	P H 114	33+	M544	C5	
1.33HP 2.4A MOTOR OPER. SGT-V-4B1		R 587 J.0/7.0	1 0	D.F	221001	68	2	A
SGT-MO-4B2	L200	SHB-00-10/P56	A A	P H 114	33+	M544	E5	
1.33HP 2.4A MOTOR OPER. SGT-V-4B2		R 587 J.0/7.0	1 0	D.F	221001	68	2	A
SGT-MO-5A1	L200	SHB-00-10/P56	A A	P H 114	33+	M544	J5	
1.33HP 2.4A MOTOR OPER. SGT-V-5A1		R 588 H.4/7.0	1 0	D.F	221001	68	2	A
SGT-MO-5A2	L200	SHB-00-10/P56	A A	P H 114	33+	M544	J5	
1.33HP 2.4A MOTOR OPER. SGT-V-5A2		R 588 H.9/7.0	1 0	D.F	221001	68	2	A
SGT-MO-5B1	L200	SHB-00-10/P56	A A	P H 114	33+	M544	C5	
1.33HP 2.4A MOTOR OPER. SGT-V-5B1		R 587 J.1/7.0	1 0	D.F	221001	68	2	A
SGT-MO-5B2	L200	SHB-00-10/P56	A A	P H 114	33+	M544	E5	
1.33HP 2.4A MOTOR OPER. SGT-V-5B2		R 587 J.6/7.0	1 0	D	221001	68	2	A
SGT-PP-EHC/1A1+	F030		A A			E519-34A		
HEATER CONTROL BOX		R 576 H.0/6.0	1 0	D.F	252004	18	1	P
SGT-PP-EHC/1A2+	F030		A A			E519-34A		
HEATER CONTROL BOX		R 576 H.0/R.1	1 0	D.F	252004	18	1	P
SGT-PP-EHC/1B1+	F030		A A			E519-34A		
HEATER CONTROL BOX		R 576 H.0/6.0	1 0	D.F	252004	18	1	P
SGT-PP-EHC/1B2+	F030		A A			E519-34A		
HEATER CONTROL BOX		R 576 H.0/7.9	1 0	D.F	252004	18	1	P
SGT-PP-ESH/1A+	F030		A	R H 04		18-00-0035		
HEATER CONTROL BOX		R 576 H.7/6.0	3 0	D.F	252004	18	1	P
SGT-PP-ESH/1B+	F030		A	R H 04		18-00-0035		
HEATER CONTROL BOX		R 576 J.5/6.0	3 0	D.F	252004	18	1	P
SGT-PP-ESH/2A+	F030		A	R H 04		18-00-0035		
HEATER CONTROL BOX		R 576 H.7/7.1	3 0	D.F	252004	18	1	P
SGT-PP-ESH/2B+	F030		A	R H 04		18-00-0035		
HEATER CONTROL BOX		R 576 J.5/7.0	3 0	D.F	252004	18	1	P
SGT-PS-EH1A11	B135	A700-20C0EAA-20	R H					
CONTROL OF HEATER SGT-EHC-1A1		R 572 H.4/5.9	2 0	D.F	256008	18	2	A
SGT-PS-EH1A21	B135	A700-20C0EAA-20	R H					
CONTROL OF HEATER SGT-EHC-1A2		P 572 H.8/6.0	2 0	D.F	256008	18	2	A

PROGRAM C1C-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WHP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00200
DATE 10/01/82

EPN	MFG	MODEL	STATUS S E	BLDG CLEV	DETAIL	SEISMIC (S) PARAMETERS TH HL TEST ANL FO C USE SAFETY FUNCTION	FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
DESCRIPTION									
SGT-PS-EH1811	B135	A900-20CDEAA-20	R M						
CONTROL OF HEATER SGT-PS-EH1811			R	572	J.5/16.0	2 0 D.F	256008	18	2 A
SGT-PS-EH1821	B135	A900-20CDEAA-20	R M						
CONTROL OF HEATER SGT-EHC-182			R	572	J.2/6.0	2 0 D.F	256008	18	2 A
SGT-RLY-1825		A160700H800A1	R I			R		18-00-0072	
CONTROL OF HEATER SGT-EHC-182			R	572	M.0/8.0	1 0 D.F		18	3 A
SGT-RLY-1826		A160700H800A1	R M			R		18-00-0072	
CONTROL OF HEATER SGT-EHC-182			R	572	M.0/8.0	1 0 D.F		18	3 A
SGT-RLY-EH1A15	A160	700H800A1	R B			R M		18-00-0092	C6
CONTROL OF HEATER SGT-EHC-1A1			R	575	M.1/6.0	1 0 D.F	283044	18	3 A
SGT-RLY-EH1A16	A160	700H600A1	R B			R M		18-00-0092	C6
CONTROL OF HEATER SGT-EHC-1A1			R	575	M.1/6.0	1 0 D.F	283044	18	3 A
SGT-BLY-EH1A17		700H900A1	R B			R M		18-00-0092	C7
CONTROL OF HEATER SGT-EHC-1A1			R	575	M.1/6.0	1 0 D.F	283044		3 A
SGT-RLY-EH1A21	A160	700H900A1	R B			R		18-00-0092	E6
CONTROL OF HEATER SGT-EHC-1A2			R	572	M.0/8.2	1 0 D.F	283044	18	3 A
SGT-RLY-EH1A22	A160	700H900A1	R B			R M		18-00-0092	E6
CONTROL OF HEATER SGT-EHC-1A2			R	575	M.0/8.2	1 0 D.F	283044	18	3 A
SGT-RLY-EH1A23	A160	700H900A1	R B			R M		18-00-0092	E6
CONTROL OF HEATER SGT-EHC-1A23			R	572	M.0/8.2	1 0 D.F	283044	18	3 A
SGT-RLY-EH1A24	A160	700H600A1	R B			R M		18-00-0092	D6
CONTROL OF HEATER SGT-EHC-1A2			R	574	M.0/8.2	1 0 D.F	283044	18	3 A
SGT-RLY-EH1A25	A160	700H800A1	R B			R M		18-00-0092	C6
CONTROL OF HEATER SGT-EHC-1A2			R	572	M.0/8.2	1 0 D.F	283044	18	3 A
SGT-RLY-EH1A26	A160	700H600A1	R B			R M		18-00-0092	C6
CONTROL OF HEATER SGT-EHC-1A2			R	572	M.0/8.2	1 0 D.F	283044	18	3 A
SGT-RLY-EH1A27	A160	700H900A1	R B			R M		18-00-0092	C6
CONTROL OF HEATER SGT-RLY-EH1A27			R	574	M.0/8.2	1 0 D.F	283044	18	3 A
SGT-RLY-EH1B11	A160	700H900A1	R B			R M		18-00-0092	E6
CONTROL OF HEATER SGT-EHC-1B1			R	575	M.1/5.4	1 0 D.F	203044	18	3 A
SGT-RLY-EH1B12	A160	700H900A1	R B			R M		18-00-0092	E6
CONTROL OF HEATER SGT-EHC-1B1			R	575	M.1/5.4	1 0 D.F	283044	18	3 A
SGT-RLY-EH1B13	A160	700H900A1	R B			R		18-00-0092	E6
CONTROL OF HEATER SGT-EHC-1B1			R	575	M.1/5.4	1 0 D.F	283044	18	3 A
SGT-RLY-EH1B14	A160	700H600A1	R B			R		18-00-0092	D6
CONTROL OF HEATER SGT-EHC-1B1			R	575	M.1/5.4	1 0 D.F	283044	18	3

PROGRAM CIE-SQRT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00201
DATE 10/01/82

EPN	MFG DESCRIPTION	MODEL	STATUS S E QLOG ELEV DETAIL	***SEISMIC (S) PARAMETERS*** TH HL TEST ANL FD C USE SAFETY FUNCTION	FREQ QID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
SGT-RLY-EH1B15	A160	700N800A1	R B	R	18-00-0092	C6	
CONTROL OF HEATER SGT-EHC-1B1		R 575 H.1/5.4	1 0 D.F	283044	18	3	A
SGT-RLY-EH1B16	A160	700N800A1	R B	R	18-00-0092	C6	
CONTROL OF HEATER SGT-EHC-1B1		R 575 H.1/5.5	1 0 D.F	283044	18	3	A
SGT-RLY-EH1B17	A160	700N800A1	R B	R	18-00-0092	C6	
CONTROL OF HEATER SGT-EHC-1B1		R 575 H.1/5.5	1 0 D.F	283044	18	3	A
SGT-RLY-EH1B21	A160	700N800A1	R B	R	18-00-0092	E6	
CONTROL OF HEATER SGT-EHC-1B2		R 572 H.0/8.0	1 0 D.F	283044	18	3	A
SGT-RLY-EH1B22	A160	700N800A1	R B	R	18-00-0092	E6	
CONTROL OF HEATER SGT-EHC-1B2		R 575 H.0/8.0	1 0 D.F	283044	18	3	A
SGT-RLY-EH1B23	A160	700N800A1	R B	R	18-00-0092	E6	
CONTROL OF HEATER SGT-EHC-1B2		R 572 H.0/8.0	1 0 D.F	283044	18	3	A
SGT-RLY-EH1B24	A160	700N600A1	R B	R	18-00-0092	D6	
CONTROL OF HEATER SGT-EHC-1B2		R 574 H.0/8.0	1 0 D.F	283044	18	3	A
SGT-RLY-ESH1A11			A		18-00-0089		
CONTROL OF HEATER SGT-ESH-1A1		R 572 H.5/6.2	3 0		18	3	A
SGT-RLY-ESH1A12	A160	700N800A1	B	R H 021	E686		
CONTROL OF HEATER SGT-ESH-1A1		R 572 H.5/6.2	3 0 D.F	283044	18	3	A
SGT-RLY-ESH1A13	A160	700N800A1	D	R H 021	E686		
CONTROL OF HEATER SGT-ESH-1A1		R 572 H.5/6.2	3 0 D.F	283044	18	3	A
SGT-RLY-ESH1A14	A160	700N600A1	B	R H 021	E686		
CONTROL OF HEATER SGT-ESH-1A1		R 572 H.5/6.2	3 0 D.F	283044	18	3	A
SGT-RMS-EH1A15			R B		E686		
CONTROL OF HEATER SGT-EHC-1A1		R 572 H.7/6.0	3 0 0		18	3	A
SGT-RMS-EH1A16			R B		E686		
CONTROL OF HEATER SGT-EHC-1A1		R 572 H.7/6.0	3 0 0		18	3	A
SGT-RMS-EH1A19			R B		E686		
CONTROL OF HEATER SGT-EHC-1A1		R 572 H.7/6.0	3 0 0		18	3	A
SGT-RMS-EH1A1T1			R B		18-00-0092	G7	
TEST STAGE 1 OF SGT-EHC-1A1		R 572 H.1/6.0	2 0 0		18	3	A
SGT-RMS-EH1A1T2			R B		18-00-0092	G7	
TEST STAGE 2 OF SGT-EHC-1A1		R 572 H.1/6.0	2 0 0		18	3	A
SGT-RMS-EH1A1T3			R B		18-00-0092	F7	
TEST STAGE 3 OF SGT-EHC-1A1		R 572 H.7/6.0	2 0 0		18	3	A
SGT-RMS-EH1A25			R B		E686		
CONTROL OF HEATER SGT-EHC-1A2		R 572 H.0/8.3	3 0 0		1A	3	A

PROGRAM CIE-SQRT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00202
DATE 10/01/82

EPN	MFG	MODEL	STATUS	SEISMIC (S) PARAMETERS	TM HL TEST ANL FO C	FREQ	A/E DRAWING	A/E ZONE
DESCRIPTION	BLOG ELEV	DETAIL	USE	SAFETY FUNCTION	Q10	CONTRACT	LEVEL	EC
SGT-RMS-EH1A26		R.B					E686	
CONTROL OF HEATER SGT-EHC-1A2	R 572 H.0/8.3		3 0 D			18	3	A
SGT-RMS-EH1A29		R.B					E686	
CONTROL OF HEATER SGT-EHC-1A2	R 572 H.0/8.3		3 0 D			18	3	A
SGT-RMS-EH1A2T1		R.B					18-00-0092	G7
TEST STAGE 1 OF SGT-EHC-1A2	R 572 H.0/8.3		2 0 D			18	3	A
SGT-RMS-EH1A2T2		R.B					18-00-0092	G7
TEST STAGE 1 OF SGT-EHC-1A2	R 572 H.0/8.3		2 0 D			18	3	A
SGT-RMS-EH1A2T3		R.B					18-00-0092	F7
TEST STAGE 3 OF SGT-EHC-1A2	R 572 H.0/8.3		2 0 D			18	3	A
SGT-RMS-EH1B15		R.B					E686	
CONTROL OF HEATER SGT-EHC-1B1	R 572 H.0/6.0		3 0 D			18	3	A
SGT-RMS-EH1B16		R.B					E686	
CONTROL OF HEATER SGT-RMS-EH1B16	R 572 H.0/6.0		3 0 D			18	3	A
SGT-RMS-EH1B19		R.B					E686	
	R 572 H.0/6.0		3 0 D			18	3	A
SGT-RMS-EH1B1T1		R.B					18-00-0092	G7
TEST STAGE 1 OF SGT-EHC-1B1	R 572 H.0/6.0		2 0 D			18	3	A
SGT-RMS-EH1B1T2		R.B					18-00-0092	G7
TEST STAGE 2 OF SGT-EHC-1B1	R 572 H.0/6.0		2 0 D			18	3	A
SGT-RMS-EH1B1T3		R.B					18-00-0092	F7
TEST STAGE 3 OF SGT-EHC-1B1	R 572 H.0/6.0		2 0 D			18	3	A
SGT-RMS-EH1B25		R.B					E686	
CONTROL OF HEATER SGT-EHC-1B2	R 572 H.1/5.8		3 0 D			18	3	A
SGT-RMS-EH1B26		R.B					E686	
CONTROL OF HEATER SGT-EHC-1B2	R 572 H.1/5.8		3 0 D			18	3	A
SGT-RMS-EH1B29		R.B					E686	
CONTROL OF HEATER SGT-EHC-1B2	R 572 H.1/5.8		3 0 D			18	3	A
SGT-RMS-EH1B2T1		R.B					18-00-0092	G7
TEST STAGE 1 OF SGT-EHC-1	R 572 H.1/5.8		2 0 D			18	3	A
SGT-RMS-EH1B2T2		R.B					18-00-0092	G2
TEST STAGE 2 OF SGT-EHC-1	R 572 H.1/5.8		2 0 D			18	3	A
SGT-RMS-EH1B2T3		R.B					18-00-0092	F2
TEST STAGE 3 OF SGT-EHC-1	R 572 H.1/5.8		2 0 D			18	3	A
SGT-RMS-EH1A	A160 800H-P6		R N	04		E686		
	R 572 H.8/6.0		3 0 D			285004 18	3	

PROGRAM C1E-SQRT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
UNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00203
DATE 10/01/82

EPN	MFG DESCRIPTION	MODEL	STATUS S E BLOG ELEV DETAIL	***SEISMIC (S) PARAMETERS*** TH HL TEST ANL FO C USE SAFETY FUNCTION.	FREQ 910	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
SGT-RMS-ESH1A1	HEATER SGT-ESH-1A MANUAL OFF		A B R 572 H.5/6.2	R M 09 3 0		18-00-0089 18	3 A
SGT-RMS-ESH1A2	SGT-ESH-1A THERMAL RESET		A B R 572 H.5/6.2	R M 09 3 0		18-00-0089 18	3 A
SGT-RMS-ESH1B	A160 800H-R6		A B R 572 J.7/6.2	R M 09 3 0 D	E686 285004	18	3 A
SGT-RMS-ESH1B1	SGT-ESH-1B MANUAL OFF		A B R 572 J.7/6.2	R M 09 3 0		18-00-0089 18	3 A
SGT-RMS-ESH1B2	SGT-ESH-1B THERMAL RESET		A B R 572 J.7/6.2	R M 09 3 0		18-00-0089 18	3 A
SGT-RMS-ESH2A	A160 800H-R6		A B R 572 H.7/7	R M 09 3 0 D	E686 285004	18	3 A
SGT-RMS-ESH2A1	SGT-ESH-2A MANUAL OFF		A B R 572 H.5/7.1	R M 09 3 0		18-00-0089 18	3 A
SGT-RMS-ESH2A2	SGT-ESH-2A THERMAL RESET		A B R 572 H.5/7.1	R M 09 3 0		18-00-0089 18	3 A
SGT-RMS-ESH2B	A160 800H-R6		A B R 572 J.6/7.1	R M 09 3 0 D	E686 285004	18	3 A
SGT-RMS-ESH2B1	SGT-ESH-2B MANUAL OFF		A B R 572 J.6/7.1	R M 09 3 0		18-00-0089 18	3 A
SGT-RMS-ESH2B2	SGT-ESH-2B THERMAL RESET		A B R 572 J.6/7.1	R M 09 3 0		18-00-0089 18	3 A
SGT-SPV-2A	A499 8210D2M0		B P R 578 H.6/3.6	P H 114 03 1 0 F	33+ H539 315006	220	J15 2 A
SGT-SPV-2B	A499 8210D2M0		B P R 578 H.6/3.6	P H 114 03 1 0 F	33+ H539 315006	220	D15 2 A
SGT-SPV-F1	A499 8211D2M0		A B R 578 H.6/3.7	P H 114 03 2 0 F	33+ H544 315007	18	G12 2 A
SGT-SPV-F2	A499 8211D2M0		A B R 578 H.6/3.7	P H 114 03 2 0 F	33+ H544 315007	18	G11 2 A
SGT-SPV-F3	A499 8211D2M0		A B R 578 H.6/3.6	P H 114 03 2 0 F	33+ H544 315007	18	G9 2 A
SGT-SPV-F4	A499 8211D2M0		A B R 578 H.6/3.6	P H 114 03 2 0 F	33+ H544 315007	18	B12 2 A
SGT-SPV-F5	A499 8211D2M0		A B R 578 H.6/3.6	P H 114 03 2 0 F	33+ H544 315007	18	B11 2 A

EPN	MFG	MODEL	STATUS S E	***SEISMIC (S) PARAMETERS***				FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
				TH	HL	TEST	ANL FO C			
DESCRIPTION		BLDG ELEV	DETAIL	USE	SAFETY	FUNCTION	QID			
SGT-SPV-E6 1/2 S.O DELUGE VA ASSY SGT-DV-1B-	A999	8211D2M0	A.D	P	M	119	03	334007	M544 18	09 2 A
SGT-TC-1A1 SGT-FU-1A TEMP. AFTER SGT-ESH-1A -	A160	837-A4J	A.H	R	M		04	334001	M544 18	J11 3 A
SGT-TC-1A2 SGT-FU-1A TEMP. AFTER SGT-CF-1A-1	A160	837-A4J	A.H	R	M		04	334001	M544 18	J10 2 A
SGT-TC-1B1 SGT-FU-1B TEMP. AFTER SGT-ESH-1B -	A160	837-A4J	A.H	R	M		04	334001	M544 18	E11 2 A
SGT-TC-1B2 SGT-FU-1B TEMP. AFTER SGT-CF-1B-1	A160	837-A4J	A.H	R	M		04	334001	M544 18	E10 2 A
SGT-TC-2A1 SGT-FU-1A TEMP. AFTER SGT-ESH-2A L	A160	837-A4J	A.H	R	M		04	334001	M544 18	J10 2 A
SGT-TC-2A2 SGT-FU-1A TEMP. AFTER SGT-CF-1A-2	A160	837-A4J	A.H	R	M		04	334001	M544 18	J9 2 A
SGT-TC-2B1 SGT-FU-1B TEMP. BEFORE SGT-CF-1B-2	A160	837-A4J	A.H	R	M		04	334001	M544 18	E9 2 A
SGT-TC-2B2 SGT-FU-1B TEMP. AFTER SGT-CF-1B-2	A160	837-A4J	A.H	R	M		04	334001	M544 18	E9 2 A
SGT-TE-1A SGT-FU-1A TEMP. BEFORE SGT-EHC-1A-	C332	1A-20(JD)-TW157-1B	R	F				339009	M544 18	J13 2 A
SGT-TE-1A1 SGT-FU-1A TEMP. AFTER SGT-ESH-1A L	A160	21110-0	A.H	F	M			339001	M544 18	J11 2 A
SGT-TE-1A2 SGT-FU-1A TEMP. AFTER SGT-CF-1A-1	A160	21110-0	A.H	F	M			339001	M544 18	J10 2 A
SGT-TE-1B SGT-FU-1B TEMP. BEFORE SGT-EHC-1B-	C332	1A-20(JD)-TW157-1B	R	F				339009	M544 18	D13 2 A
SGT-TE-1B1 SGT-FU-1B TEMP. AFTER SGT-ESH-1B L	A160	21110-0	A.H	F	M			339001	M544 18	E11 2 A
SGT-TE-1B2 SGT-FU-1B TEMP. AFTER SGT-CF-1B-1	A160	21110-0	A.H	F	M			339001	M544 18	E10 2 A
SGT-TE-2A1 SGT-FU-1A TEMP. BEFORE SGT-CF-1A-2	A160	21110-0	A.H	F	M			339001	M544 18	J9 2 A
SGT-TE-2A2 SGT-FU-1A TEMP. AFTER SGT-CF-1A-2	A160	21110-0	A.H	F	M			339001	M544 18	J9 2 A
SGT-TE-2B1 SGT-FU-1B TEMP. BEFORE SGT-CF-1B-2	A160	21110-0	A.H	F	M			339001	M544 18	E9 2 A

EPN	MFG DESCRIPTION	MODEL	STATUS S E BLOG ELEV DETAIL	***SEISMIC (S) PARAMETERS***			A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
				TH HL TEST ANL FO C USE SAFETY FUNCTION	FREQ PID			
SGT-TE-202	A160 21110-0		A N	N			H544	E9
SGT-FU-10	TEMP. AFTER SGT-CF-1B-2	R 582	J.7/6.6	3 0	F	339001	18	2 A
SGT-TE-6A			R				H544	H11
SGT-FU-1A	TEMP. AFTER SGT-CF-1A-1	R 572	H.6/6.0	3 0			18	2 A
SGT-TE-6A1	F030 DVG. L-54040-3		A N	N			H544	H11
SGT-FU-1A1	SGT-CF-1A-1 TEMPERATURE	R 577	H.8/6.8	2 0	F	339001	18	2 A
SGT-TE-6D	F081 21110-0		A	N			H544	C10
SGT-FU-1B	TEMP. AFTER SGT-CF-1D-1	R 576	J.5/6.0	3 0		339001	18	2 A
SGT-TE-6D1	F030 L-54040-3		A N	N			H544	D11
SGT-FU-1B1	SGT-CF-1D-1 TEMPERATURE	R 576	J.4/6.0	2 0	F	339001	18	2 A
SGT-TE-7A	F081 21110-0		A	N			H544	H9
SGT-FU-1A	TEMP. AFTER SGT-CF-1A-2	R 572	H.6/7.2	3 0		339001	18	2 A
SGT-TE-7A1	F030 L-54040-3		A N	N			H544	H9
SGT-FU-1A1	SGT-CF-1A-2 TEMPERATURE	R 577	H.8/6.4	2 0	F	339001	18	2 A
SGT-TE-7D	F081 21110-0		A	N			H544	C9
SGT-FU-1B	TEMP. AFTER SGT-CF-1B-2	R 572	J.5/7.2	3 0		339001	18	2 A
SGT-TE-7D1	F030 L-54040-3		A N	N			H544	D9
SGT-FU-1D1	SGT-CF-1B-2 TEMPERATURE	R 576	J.4/6.4	2 0	F	339001	18	2 A
SGT-TE-RA1	F030 L-54040-2		A N	N			H544	H12
SGT-FU-1A	TEMP. AFTER SGT-FL-1A LO	R 577	H.8/6.0	2 0	F	339001	18	2 A
SGT-TE-8B1	F030 L-54040-2		A N	N			H544	D12
SGT-FU-1B	TEMP. AFTER SGT-FL-1B LO	R 576	J.4/6.8	2 0	F	339001	18	2 A
SGT-T1-10A	A501 DM-1		B	R N	04		H544	J9
SGT-FU-1A1	TEMP. GAUGE LOC-AL-	R 572		3 0		340005	18	3 A
SGT-T1-10B	A501 DM-1		B	R N	04		H544	E9
SGT-FU-1B1	TEMP. GAUGE LOC-AL-	R 572		3 0		340005	18	3 A
SGT-T1-RA	A501 DM-1		B	R N	04		H544	H13
SGT-FU-1A	TEMP. GAUGE LOC-AL-	R 572		3 0		340005	18	3 A
SGT-T1-9B	A501 DM-1		B	R N	04		H544	D13
SGT-FU-1B	TEMP. GAUGE LOC-AL-	R 572		3 0		340005	18	3 A
SGT-T1-9A	A501 DM-1		B	R N	04		H544	J11
SGT-ESH-1A	TEMP. LOC-AL-	R 572	H.8/5.5	3 0		340005	18	3 A
SGT-T1-9B	A501 DM-1		B	R N	04		H544	E11
SGT-ESH-1B	TEMP. LOC-AL-	R 572	J.4/5.5	3 0		340005	18	3 A
SGT-TS-1A1	F081 HC131		A	N N			H544	J11
SGT-ESH-1A	UPSTREAM LO TEMP AL	R 572	H.5/6.2	3 0		355014	18	2 A

PROGRAM CLE-SQRT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00206
DATE 10/01/82

EPN	HFG	MODEL	STATUS S E	***SEISMIC (S) PARAMETERS***				A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
				TH	HL	TEST	ANL FO C		
DESCRIPTION		BLOG ELEV	DETAIL	USE	SAFETY	FUNCTION	Q10		
SGT-TS-1A11	F081	18000-00	A N	0	M	221	33+	M544	J11
SGT-ESH-1A UPSTREAM HI TEMP		R 572 H8/5.5		3	0		355003	18	2 A
SGT-TS-1A2	F081	MC131	A	0	M			M544	J11
SGT-ESH-1A UPSTREAM HI TEMP AL		R 572 H.5/6.2		3	0		355014	18	2 A
SGT-TS-1A21	F081	18000-00	A N	0	M	221	33+	M544	J11
SGT-ESH-1A UPSTREAM HI TEMP C/O		R 572 H8/5.5		3	0		355003	18	2 A
SGT-TS-1A3	F081	MC131	A	0	M			M544	J10
SGT-ESH-1A DOWNSTREAM LOW TEMP AL		R 572		3	0		355014	18	2 A
SGT-TS-1A31	F081	18000-00	A N	0	M	221	33+	M544	J10
SGT-ESH-1A DOWNSTREAM HI TEMP		R 572 H8/5.5		3	0		355003	18	2 A
SGT-TS-1A4	F081	MC131	A	0	M			M544	J10
SGT-ESH-1A DOWNSTREAM HI TEMP AL		R 572 H.8/5.5		3	0		355014	18	2 A
SGT-TS-1A41	F081	18000-00	A N	0	M	221	33+	M544	J10
SGT-ESH-1A DOWNSTREAM HI TEMP C/O		R 572 H8/5.5		3	0		355003	18	2 A
SGT-TS-1B1	F081	MC131	A	0	M			M544	E11
SGT-ESH-1B UPSTREAM LO TEMP AL		R 572 J.3/6.3		3	0		355014	18	2 A
SGT-TS-1B11	F080	211	A N	0	M	221	33+	M544	E11
SGT-ESH-1B UPSTREAM HI TEMP		R 582 J.3/6.3		3	0		355003	18	2 A
SGT-TS-1B2	F081	7706	A	0	M			M544	E11
SGT-ESH-1B UPSTREAM HI TEMP AL		R 572 J.3/6.3		3	0		355015	18	2 A
SGT-TS-1B21	F081	211	A N	0	M	221	33+	M544	E11
SGT-ESH-1B UPSTREAM HI TEMP C/O		R 582 J.3/6.3		3	0		355003	18	2 A
SGT-TS-1B3	F081	MC-131	A	0	M			M544	E10
SGT-ESH-1B DOWNSTREAM LO TEMP AL		R 572 J.3/6.3		3	0		355014	18	2 A
SGT-TS-1B31	F080	211	A N	0	M	221	33+	M544	E10
SGT-ESH-1B DOWNSTREAM HI TEMP		R 582 J.3/6.4		3	0		355003	18	2 A
SGT-TS-1B4	F081	MC-131	A	0	M			M544	E10
SGT-ESH-1B DOWNSTREAM HI TEMP AL		R 572 J.3/6.3		3	0		355014	18	2 A
SGT-TS-1B41	F080	211	A N	0	M	221	33+	M544	E10
SGT-ESH-1B DOWNSTREAM HI TEMP C/O		R 582 J.3/6.4		3	0		355003	18	2 A
SGT-TS-2A1	F081	MC-131	A	0	M			M544	J10
SGT-ESH-2A UPSTREAM LO TEMP AL		R 572 H.8/5.5		3	0		355014	18	2 A
SGT-TS-2A11	F081	18000-00	A N	0	M	221	33+	M544	J10
SGT-ESH-2A UPSTREAM HI TEMP		R 572 H8/5.5		3	0		355003	18	2 A
SGT-TS-2A2	F081	MC-131	A	0	M			M544	J1
SGT-ESH-2A UPSTREAM HI TEMP AL		R 572 H.8/5		3	0		355014	18	2

PROGRAM CIE-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00207
DATE 10/01/82

EPN	DESCRIPTION	MFG	MODEL	STATUS S E BLOG ELEV DETAIL	SEISMIC (S) PARAMETERS			FREQ QID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TH	HL	TEST ANL FO C USE SAFETY FUNCTION			
SGT-TS-2A21	F081 18000-00			A N	D	H	221	33+	M544	J11
SGT-ESH-2A	UPSTM HI TEMP C/O		R 572 HB/6.8		3	0		355003	18	2 A
SGT-TS-2A3	F081 MC-131			A	D	H		33+	M544	J9
SGT-ESH-2A	DWNSTM LO TEMP AL		R 572 H.8/6.8		3	0		355014	18	2 A
SGT-TS-2A31	F081 18000-00			A N	D	H	221	33+	M544	J9
SGT-ESH-2A	DWNSTM HI TEMP		R 572 HB/6.8		3	0		355003	18	2 A
SGT-TS-2A4	F081 MC-131			A	D	H		33+	M544	J9
SGT-ESH-2A	DWNSTM HI TEMP AL		R 572 H.8/6.8		3	0		355014	18	2 A
SGT-TS-2A41	F081 18000-00			A N	D	H	221	33+	M544	E9
SGT-ESH-2A	DWNSTM HI TEMP C/O		R 572 HB/6.8		3	0		355003	18	2 A
SGT-TS-2B1	F081 MC-131			A	D	H		33+	M544	E10
SGT-ESH-2B	UPSTM LO TEMP AL		R 572 J.6/6.6		3	0		355014	18	2 A
SGT-TS-2B11	F080 211			A N	D	H	221	33+	M544	E10
SGT-ESH-2B	UPSTM HI TEMP		R 582 J.6/6.6		3	0		355003	18	2 A
SGT-TS-2B2	F081			A	D	H		33+	M544	E10
SGT-ESH-2B	UPSTM HI TEMP AL		R 572		3	0		355014	18	2 A
SGT-TS-2B21	F080 211			A N	D	H	221	33+	M544	E10
SGT-ESH-2B	UPSTM HI TEMP C/O		R 582 J.6/6.6		3	0		355003	18	2 A
SGT-TS-2B3	F081 MC-131			A	D	H		33+	M544	E9
SGT-ESH-2B	DWNSTM LO TEMP AL		R 572 J.6/6.6		3	0		355014	18	2 A
SGT-TS-2B31	F080 211			A N	D	H	221	33+	M544	E9
SGT-ESH-2B	DWNSTM HI TEMP		R 582 J.3/6.3		3	0		355003	18	2 A
SGT-TS-2B4	F081 MC-131			A	D	H		33+	M544	E9
SGT-ESH-2B	DWNSTM HI TEMP AL		R 572 J.6/6.6		3	0		355014	18	2 A
SGT-TS-2B41	F080 211			A N	D	H	221	33+	M544	J9
SGT-ESH-2B	DWNSTM HI TEMP C/O		R 582 J.3/6.3		3	0		355003	18	2 A
SGT-TS-6A1	K120 CSD-3(A)			P N	F			33+	M544	H11
SGT-CF-1A-1	TEMP. LOC-AL-		R 572 HB/5.5		2	0	F	355006	18	3 A
SGT-TS-6B1	K120 CSD-3(A)			P N	F			33+	M544	C11
SGT-CF-1B-1	TEMP. LOC-AL-		R 572 J4/5.5		2	0	F	355006	18	3 A
SGT-TS-7A1	K120 CSD-3(A)			P N	F			33+	M544	H9
SGT-CF-1A-2	TEMP. - -		R 572 HB/5.5		2	0	F	355006	18	3 A
SGT-TS-7B1	K120 CSD-3(A)			P N	F			33+	M544	C9
SGT-CF-1B-2	TEMP. - -		R 572 J4/5.5		2	0	F	355006	18	3 A
SGT-TS-8A1	K120 CSD-3(A)			P N	F			33+	M544	H12
SGT-FU-1A	TEMP. AFTER SGT-FL-1A LO		R 572 HB/6.8		2	0	F	355006	18	3 A

PROGRAM CIE-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00208
DATE 10/01/82

EPN	MFG	MODEL	BLDG ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***			FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TH	HL	TEST ANL FO C USE SAFETY FUNCTION			
SGT-TS-8B1	K120	CSQ-3(A)		P H	F			M544		C12
SGT-FU-1D TEMP. AFTER SGT-FL-1B LO			R 572 J4/6.8		2 0	F		355006	18	3 A
SGT-TS-EH1A10	F001	18000-0		A B	D N	221		33+	E686	
CONTROL OF HEATER SGT-EHC-1A1			R 572 H.4/5.9		2 0	D,F		355003	18	2 A
SGT-TS-EH1A11	F001	18000-0		A B	D N	221		33+	18-00-0092	E7
CONTROL OF STAGE 1 OF SGT-EHC-1A1			R 572 H.4/5.9		1 0	D,F		355003	18	2 A
SGT-TS-EH1A111	F001	18000-0		A B	D N	221		33+	18-00-0092	C7
CONTROL OF HEATER SGT-EHC-1A1			R 572 H.4/5.9		1 0	D,F		355003	18	2 A
SGT-TS-EH1A112	F001	18000-0		A B	D N	221		33+	E686	
CONTROL OF HEATER SGT-EHC-1A1			R 572 H.4/5.9		1 0	D,F		355003	18	2 A
SGT-TS-EH1A113	F001	18000-0		A B	D N	221		33+	18-00-0092	C7
CONTROL OF HEATER SGT-EHC-1A1			R 572 H.4/5.9		1 0	D,F		355003	18	2 A
SGT-TS-EH1A114	F001	18000-0		A B	D N	221		33+	18-00-0092	C6
CONTROL OF HEATER SGT-EHC-1A1			R 572 H.4/5.9		1 0	D,F		355003	18	2 A
SGT-TS-EH1A115	F001	18000-0		A B	D N	221		33+	18-00-0092	C6
CONTROL OF HEATER SGT-EHC-1A1			R 572 H.4/5.9		1 0	D,F		355003	18	2 A
SGT-TS-EH1A116	F001	18000-0		A B	D N	221		33+	18-00-0092	C6
CONTROL OF HEATER SGT-EHC-1A1			R 572 H.4/5.9		1 0	D,F		355003	18	2 A
SGT-TS-EH1A117	F001	18000-0		A B	D N	221		33+	18-00-0092	C6
CONTROL OF HEATER SGT-EHC-1A1			R 572 H.4/5.9		1 0	D,F		355003	18	2 A
SGT-TS-EH1A118	F001	18000-0		A B	D N	221		33+	18-00-0092	C6
CONTROL OF HEATER SGT-EHC-1A1			R 572 H.4/5.9		1 0	D,F		355003	18	2 A
SGT-TS-EH1A12	F001	18000-0		A B	D N	221		33+	18-00-0092	E6
CONTROL OF STAGE 1 OF SGT-EHC-1A1			R 572 H.4/5.9		1 0	D,F		355003	18	2 A
SGT-TS-EH1A13	F001	18000-0		A B	D N	221		33+	18-00-0092	E6
CONTROL OF STAGE 1 OF SGT-EHC-1A1			R 572 H.4/5.9		1 0	D,F		355003	18	2 A
SGT-TS-EH1A14	F001	18000-0		A B	D N	221		33+	18-00-0092	E7
			R 572 H.4/5.9		1 0	D,F		355003	18	2 A
SGT-TS-EH1A15	F001	18000-0		A B	D N	221		33+	18-00-0092	E7
			R 572 H.4/5.9		1 0	D,F		355003	18	2 A
SGT-TS-EH1A16	F001	18000-0		A B	D N	221		33+	18-00-0092	E7
			R 572 H.4/5.9		1 0	D,F		355003	18	2 A
SGT-TS-EH1A17	F001	18000-0		A B	D N	221		33+	18-00-0092	E7
			R 572 H.4/5.9		1 0	D,F		355003	18	2 A
SGT-TS-EH1A18	F001	18000-0		A B	D N	221		33+	18-00-0092	E7
			R 572 H.4/5.9		1 0	D,F		355003	18	2 A

PROGRAM CIE-SQRT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00209
DATE 10/01/82

EPN	MFG DESCRIPTION	MODEL	BLOG ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***				FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL CC
					TH	HL	TEST	ANL FO C			
					USE		SAFETY	FUNCTION	QID		
SGT-TS-EH1A19	F081	18000-0		A B	D	H	221		33+	18-00-0092	E6
			R 572 H.4/5.9		1	0	D,F		355003	18	2 A
SGT-TS-EH1A21	F081	18000-0		A B	D	H	221		33+	18-00-0092	C7
			R 572 H.8/6.0		1	0	D,F		355003	18	2 A
SGT-TS-EH1A210	F081	18000-0		A B	D	H	221		33+	18-00-0092	E7
			R 572 H.4/5.9		1	0	D,F		355003	18	2 A
SGT-TS-EH1A211	F081	18000-0		A B	D	H	221		33+	18-00-0092	C7
			R 572 H.8/6.0		1	0	D,F		355003	18	2 A
SGT-TS-EH1A212	F081	18000-0		A B	D	H	221		33+	18-00-0092	C7
			R 572 H.8/6.0		1	0	D,F		355003	18	2 A
SGT-TS-EH1A213	F081	18000-0		A B	D	H	221		33+	18-00-0092	C7
			R 572		1	0	D,F		355003	18	2 A
SGT-TS-EH1A214	F081	18000-0		A B	D	H	221		33+	18-00-0092	C6
			R 572 H.8/6.0		1	0	D,F		355003	18	2 A
SGT-TS-EH1A215	F081	18000-0		A B	D	H	221		33+	18-00-0092	C6
			R 572 H.8/6.0		1	0	D,F		355003	18	2 A
SGT-TS-EH1A216	F081	18000-0		A B	D	H	221		33+	18-00-0092	C6
			R 572 H.8/6.0		1	0	D,F		355003	18	2 A
SGT-TS-EH1A217	F081	18000-0		A B	D	H	221		33+	18-00-0092	C6
CONTROL OF HEATER SGT-EHC-1A2			R 572 H.8/6.0		1	0	D,F		355003	18	2 A
SGT-TS-EH1A218	F081	18000-0		A B	D	H	221		33+	18-00-0092	C6
CONTROL OF HEATER SGT-EHC-1A2			R 572 H.8/6.0		1	0	D,F		355003	18	2 A
SGT-TS-EH1A22	F081	18000-0		A B	D	H	221		33+	18-00-0092	E6
CONTROL OF STAGE 1 OF SGT-EHC-1A2			R 572 H.8/6.0		1	0	D,F		355003	18	2 A
SGT-TS-EH1A23	F081	18000-0		A B	D	H	221		33+	18-00-0092	E6
CONTROL OF STAGE 1 OF SGT-EHC-1A2			R 572 H.8/6.0		1	0	D,F		355003	18	2 A
SGT-TS-EH1A24	F081	18000-0		A B	D	H	221		33+	18-00-0092	E7
CONTROL OF STAGE 2 OF SGT-EHC-1A2			R 572 H.8/6.0		1	0	D,F		355003	18	2 A
SGT-TS-EH1A25	F081	18000-0		A B	D	H	221		33+	18-00-0092	E7
CONTROL OF STAGE 2 OF SGT-EHC-1A2			R 572 H.8/6.0		1	0	D,F		355003	18	2 A
SGT-TS-EH1A26	F081	18000-0		A B	D	H	221		33+	18-00-0092	E7
CONTROL OF STAGE 2 SGT-EHC-1A2			R 572 H.8/6.0		1	0	D,F		355003	18	2 A
SGT-TS-EH1A27	F081	18000-0		A B	D	H	221		33+	18-00-0092	E7
CONTROL OF STAGE 3 OF SGT-EHC-1A2			R 572 H.8/6.0		1	0	D,F		355003	18	2 A
SGT-TS-EH1A28	F081	18000-0		A B	D	H	221		33+	18-00-0092	E7
CONTROL OF STAGE 3 OF SGT-EHC-1A2			R 572		1	0	D,F		355003	18	2 A

EPN	MFG DESCRIPTION	MODEL	STATUS S E BLOG ELEV. DETAIL	***SEISMIC (S) PARAMETERS***			A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
				TH HL TEST ANL FO C USE SAFETY FUNCTION	FREQ QID			
SGT-TS-EH1A29	F001 18000-0	A.B	D.H. 221	33+	18-00-0092	E6		
CONTROL OF STAGE 3 OF SGT-EHC-1A2	R 572 H.8/6.0	1 0 D.F	355003	18	2	A		
SGT-TS-EH1B10	F001 18000-0	A.B	D.H. 221	33+	18-00-0092	E7		
CONTROL OF STAGE 1 OF SGT-EHC-1B1	R 572 J.5/6.0	1 0 D.F	355003	18	2	A		
SGT-TS-EH1B11	F001 18000-0	A.B	D.H. 221	33+	18-00-0092	C7		
CONTROL OF HEATER SGT-EHC-1B1	R 572 J.5/6.0	1 0 D.F	355003	18	2	A		
SGT-TS-EH1B111	F001 18000-0	A.B	D.H. 221	33+	18-00-0092	C7		
CONTROL OF HEATER SGT-EHC-1B1	R 572	1 0 D.F	355003	18	2	A		
SGT-TS-EH1B112	F001 18000-0	A.B	D.H. 221	33+	18-00-0092	C7		
CONTROL OF HEATER SGT-EHC 1B1	R 572 J.5/6.0	1 0 D.F	355003	18	2	A		
SGT-TS-EH1B113	F001 18000-0	A.B	D.H. 221	33+	18-00-0092	C7		
CONTROL OF HEATER SGT-EHC-1B1	R 572 J.5/6.0	1 0 D.F	355003	18	2	A		
SGT-TS-EH1B114	F001 18000-0	A.B	D.H. 221	33+	18-00-0092	C6		
CONTROL OF HEATER SGT-EHC-1B1	R 572 J.5/6.0	1 0 D.F	355003	18	2	A		
SGT-TS-EH1B115	F001 18000-0	A.B	D.H. 221	33+	18-00-0092	C6		
CONTROL OF HEATER SGT-EHC-1B1	R 572 J.5/6.0	1 0 D.F	355003	18	2	A		
SGT-TS-EH1B116	F001 18000-0	A.B	D.H. 221	33+	18-00-0092	C6		
CONTROL OF HEATER SGT-EHC-1B1	R 572 J.5/6.0	1 0 D.F	355003	18	2	A		
SGT-TS-EH1B117	F001 18000-0	A.B	D.H. 221	33+	18-00-0092	C6		
CONTROL OF HEATER SGT-EHC-1B1	R 572 J.5/6.0	1 0 D.F	355003	18	2	A		
SGT-TS-EH1B118	F001 18000-0	A.B	D.H. 221	33+	18-00-0092	C6		
CONTROL OF HEATER SGT-EHC-1B1	R 572 J.5/6.0	1 0 D.F	355003	18	2	A		
SGT-TS-EH1B12	F001 18000-0	A.B	D.H. 221	33+	18-00-0092	E6		
CONTROL OF STAGE 1 OF SGT-EHC-1B1	R 572 J.5/6.0	1 0 D.F	355003	18	2	A		
SGT-TS-EH1B13	F001 18000-0	A.B	D.H. 221	33+	18-00-0092	E6		
CONTROL OF STAGE 1 OF SGT-EHC-1B1	R 572 J.5/6.0	1 0 D.F	355003	18	2	A		
SGT-TS-EH1B14	F001 18000-0	A.B	D.H. 221	33+	18-00-0092	E7		
CONTROL OF STAGE 2 OF SGT-EHC-1B1	R 572 H.1/5.8	1 0 D.F	355003	18	2	A		
SGT-TS-EH1B15	F001 18000-0	A.B	D.H. 221	33+	18-00-0092	E7		
CONTROL OF STAGE 2 OF SGT-EHC-1B1	R 572 J.5/6.0	1 0 D.F	355003	18	2	A		
SGT-TS-EH1B16	F001 18000-0	A.B	D.H. 221	33+	18-00-0092	E7		
CONTROL OF STAGE 2 OF SGT-EHC-1B1	R 572 J.5/6.0	1 0 D.F	355003	18	2	A		
SGT-TS-EH1B17	F001 18000-0	A.B	D.H. 221	33+	18-00-0092	E7		
CONTROL OF STAGE 3 OF SGT-EHC-1B1	R 572 J.5/6.0	1 0 D.F	355003	18	2	A		
SGT-TS-EH1B18	F001 18000-0	A.B	D.H. 221	33+	18-00-0092	E7		
CONTROL OF STAGE 3 OF SGT-EHC-1B1	R 572 J.5/6.0	1 0 D.F	355003	18	2	A		

PROGRAM CIE-SQRT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00211
DATE 10/01/82

EPH	MFG	MODEL	STATUS S E	***SEISMIC (S) PARAMETERS*** TM HL TEST ANL FO C USE SAFETY FUNCTION	FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
SGT-TS-EH1B19	F081	18000-0	A B	D H 221	33+	18-00-0092	E6
CONTROL OF STAGE 3 OF SGT-ENC-1B1		R 572 J.5/6.0		1 0 D,F	355003	18	2 A
SGT-TS-EH1B21	F081	18000-0	A B	D H 221	33+	18-00-0092	C7
CONTROL OF STAGE 1 OF SGT-ENC-1B2		R 572 J.2/6.0		1 0 D,F	355003	18	2 A
SGT-TS-EH1B210	F081	18000-0	A B	D H 221	33+	18-00-0092	C7
CONTROL OF STAGE 1 OF SGT-ENC-1B2		R 572 J.2/6.0		1 0 D,F	355003	18	2 A
SGT-TS-EH1B211	F081	18000-0	A B	D H 221	33+	18-00-0092	C7
CONTROL OF HEATER SGT-ENC-1B2		R 572 J.2/6.0		1 0 D,F	355003	18	2 A
SGT-TS-EH1B212	F081	18000-0	A B	D H 221	33+	E686	
CONTROL OF HEATER SGT-ENC-1B2		R 572 J.2/6.0		1 0 D,F	355003	18	2 A
SGT-TS-EH1B213	F081	18000-0	A B	D H 221	33+	18-00-0092	C7
CONTROL OF HEATER SGT-ENC-1B2		R 572 J.2/6.0		1 0 D,F	355003	18	2 A
SGT-TS-EH1B214	F081	18000-0	A B	D H 221	33+	18-00-0092	C6
CONTROL OF HEATER SGT-ENC-1B2		R 572 J.2/6.0		1 0 D,F	355003	18	2 A
SGT-TS-EH1B215	F081	18000-0	A B	D H 221	33+	18-00-0092	C6
CONTROL OF HEATER SGT-ENC-1B2		R 572 J.2/6.0		1 0 D,F	355003	18	2 A
SGT-TS-EH1B217	F081	18000-0	A B	D H 221	33+	18-00-0092	C6
CONTROL OF HEATER SGT-ENC-1B2		R 572 J.2/6.0		1 0 D,F	355003	18	2 A
SGT-TS-EH1B218	F081	18000-0	A B	D H 221	33+	18-00-0092	C6
CONTROL OF HEATER SGT-ENC-1B2		R 572 J.2/6.0		1 0 D,F	355003	18	2 A
SGT-TS-EH1B22	F081	18000-0	A B	D H 221	33+	18-00-0092	E6
CONTROL OF STAGE 1 OF SGT-ENC-1B2		R 572 J.2/6.0		1 0 D,F	355003	18	2 A
SGT-TS-EH1B23	F081	18000-0	A B	D H 221	33+	18-00-0092	E6
CONTROL OF STAGE 1 OF SGT-ENC-1B2		R 572		1 0 D,F	355003	18	2 A
SGT-TS-EH1B24	F081	18000-0	A B	D H 221	33+	18-00-0092	E7
CONTROL OF STAGE 2 OF SGT-ENC-1B2		R 572 J.2/6.0		1 0 D,F	355003	18	2 A
SGT-TS-EH1B25	F081	18000-0	A B	D H 221	33+	18-00-0092	E7
CONTROL OF STAGE 2 OF SGT-ENC-1B2		R 572 J.2/6.0		1 0 D,F	355003	18	2 A
SGT-TS-EH1B26	F081	18000-0	A B	D H 221	33+	18-00-0092	E6
CONTROL OF STAGE 2 OF SGT-ENC-1B2		R 572 J.2/6.0		1 0 D,F	355003	18	2 A
SGT-TS-EH1B27	F081	18000-0	A B	D H 221	33+	18-00-0092	E6
CONTROL OF STAGE 3 OF SGT-ENC-1B2		R 572		1 0 D,F	355003	18	2 A
SGT-TS-EH1B28	F081	18000-0	A B	D H 221	33+	18-00-0092	E6
CONTROL OF STAGE 3 OF SGT-ENC-1B2		R 572 J.2/6.0		1 0 D,F	355003	18	2 A
SGT-TS-EH1B29	F081	18000-0	A B	D H 221	33+	18-00-0092	E6
CONTROL OF STAGE 3 OF SGT-ENC-1B2		R 572 J.2/6.0		1 0 D,F	355003	18	2 A

PROGRAM CIE-SQRT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00212
DATE 10/01/82

EPN	MFG DESCRIPTION	MODEL	BLOG ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***			A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TM	HL TEST ANL FO C	FREQ		
USE	SAFETY FUNCTION	QID							
SGT-XE-1RH/1A1	H349	XMAC-103		A B				18-00-0092	B6
CONTROL OF RELATIVE HUMIDITY			R 576 H.0/6.0		1 0	D,F	383002 18	2	A
SGT-XE-1RH/1A2	H349	XMAC-103		R B				18-00-0092	B6
CONTROL OF RELATIVE HUMIDITY			R 576 H.0/8.1		1 0	D,F	383002 18	2	A
SGT-XE-1RH/1B1	H349	XMAC-103		R B				18-00-0092	B6
CONTROL OF RELATIVE HUMIDITY			R 576 H.0/5.5		1 0	D,F	383002 18	2	A
SGT-XE-1RH/1B2	H349	XMAC-103		R B				18-00-0092	B6
CONTROL OF RELATIVE HUMIDITY			R 576 H.0/7.9		1 0	D,F	383002 18	2	A
SGT-XE-1RHS/1A1	H349	XMS7A		D B				18-00-0092	B5
CONTROL OF RELATIVE HUMIDITY			R 572 H.4/5.9		1 0	D,F	383004 18	2	A
SGT-XE-1RHS/1A2	H349	XMAC-103		R B				18-00-0092	B5
CONTROL OF RELATIVE HUMIDITY			R 572 H.8/6.0		1 0	D,F	383002 18	2	A
SGT-XE-1RHS/1D1	H349	XMAC-103		R B				18-00-0092	B5
CONTROL OF RELATIVE HUMIDITY			R 572 J.5/6.0		1 0	D,F	383002 18	2	A
SGT-XE-1RHS/1D2	H349	XMAC-103		R B				18-00-0092	B5
CONTROL OF RELATIVE HUMIDITY			R 572 J.2/6.0		1 0	D,F	383002 18	2	A
SGT-XE-2RH/1A1	H349	XMAC-103		R B				18-00-0092	B6
CONTROL OF RELATIVE HUMIDITY			R 576 H.0/6.0		1 0	D,F	383002 18	2	A
SGT-XE-2RH/1A2	H349	XMAC-103		R B				18-00-0092	B6
CONTROL OF RELATIVE HUMIDITY			R 576 H.0/8.1		1 0	D,F	383002 18	2	A
SGT-XE-2RH/1B1	H349	XMAC-103		R B				18-00-0092	B6
CONTROL OF RELATIVE HUMIDITY			R 576 H.0/5.5		1 0	D,F	383002 18	2	A
SGT-XE-2RH/1B2	H349	XMAC-103		R B				18-00-0092	B6
CONTROL OF RELATIVE HUMIDITY			R 576 H.0/8.1		1 0	D,F	383002 18	2	A
SGT-XE-2RHS/1A1	H349	XMS7A		D B				18-00-0092	B5
CONTROL OF RELATIVE HUMIDITY			R 572 H.4/5.9		1 0	D,F	383004 18	2	A
SGT-XE-2RHS/1A2	H349	XMAC-103		R B				18-00-0092	B5
CONTROL OF RELATIVE HUMIDITY			R 572 H.8/6.0		1 0	D,F	383002 18	2	A
SGT-XE-2RHS/1B1	H349	XMS7A		D B				18-00-0092	B5
CONTROL OF RELATIVE HUMIDITY			R 572 J.5/6.0		1 0	D,F	383004 18	2	A
SGT-XE-2RHS/1D2	H349	XMS7A		D B				18-00-0092	B5
CONTROL OF RELATIVE HUMIDITY			R 572 J.2/6.0		1 0	D,F	383004 18	2	A
SGT-XE-3RH/1A1	H349	XMAC-103		R B				18-00-0092	B6
CONTROL OF RELATIVE HUMIDITY			R 576 H.0/6.0		1 0	D,F	383002 18	2	A
SGT-XE-3RH/1A2	H349	XMAC-103		R B				18-00-0092	B6
CONTROL OF RELATIVE HUMIDITY			R 572 H.0/8.1		1 0	D,F	383002 18	2	A

EPH	MFG	MODEL	STATUS S E	***SEISMIC (S) PARAMETERS***				FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
				TH	HL	TEST	ANL FO C			
DESCRIPTION		BLDG ELEV	DETAIL	USE	SAFETY FUNCTION			QID		
SGT-XE-3RH/101 CONTROL OF RELATIVE HUMIDITY	H349	XMAC-103	R R						18-00-0092	86
			R 576 H.0/5.5	1 0	D.F			383002	18	2 A
SGT-XE-3RH/102 CONTROL OF RELATIVE HUMIDITY	H349	XMAC-103	R D						18-00-0092	86
			R 576	1 0	D.F			383002	18	2 A
SGT-XE-3RHS/1A1 CONTROL OF RELATIVE HUMIDITY	H349	XMAC-103	R B						18-00-0092	A5
			R 572 H.4/5.9	1 0	D.F			383002	18	2 A
SGT-XE-3RHS/1A2 CONTROL OF RELATIVE HUMIDITY	H349	XMAC-103	R B						18-00-0092	A5
			R 572 H.8/6.0	1 0	D.F			383002	18	2 A
SGT-XE-3RHS/1B1 CONTROL OF RELATIVE HUMIDITY	H349	XHS7A	D B						18-00-0092	A5
			R 572 J.5/6.0	1 0	D.F			383004	18	2 A
SGT-XE-3RHS/1B2 CONTROL OF RELATIVE HUMIDITY	H349	XHS7A	D B						18-00-0092	A5
			R 572 J.2/6.0	1 0	D.F			383004	18	2 A
SLC-EHC-2 MAINTAINING HEATER FOR SLC-TK-1	G080	2043363	B D						H522	1103
			R 548 H5/3.8	1 0	A			109010	02C41	2 A
SLC-EHC-3 MIXING HEATER FOR SLC-TK-1	G080	205076140	B D		N	00			H522	1103
			R 548 H5/3.8	1 0	A			109010	02C41	2 A
SLC-FIC-4 REMOTE LOCAL FLOW IND.CONTR SLC	F130	F6Y29-2	D						H522	J4
			R 548 H.8/3.7	3 3	A			02		3 A
SLC-LT-1 SLC-TK-1 LEVEL TRANSMITTER	B042	5551110LAA4VBI	P						H522	J4
			R 550 H.9/4.3	2 0	I			209008	02	2 A
SLC-M-1A 40HP/52A MOTOR FOR SCL-P-1A	G080	5K324AK2120/324T	A M		P	N	124		H522	F6
			R 530 3.6/H.2	1 0	A			213030	02C41	2 A
SLC-M-1B 40HP/52A MOTOR FOR SCL-P-1B	G080	5K324AK2120/324T	A M		P	N	124		H522	06
			R 550 3.6/H.2	1 0	A			213030	02C41	2 A
SLC-MO-1A 33HP .95A MOTOR OPER. SLC-V-1A	L200	SHB-000-5/K48	A A		P	N	114		H522	E4
			R 552 3.6/H.7	3 0				221001	41B	2 A
SLC-MO-1B 33HP .95A MOTOR OPER. SLC-V-1B	L200	SHB-000-5/K48	A A		P	N	114		H522	04
			R 552 3.9/H.7	3 0				221001	41B	2 A
SLC-PT-4 SLC PUMP DISCHARGE PRESSURE TRANSM	G080	556110EAAA1WEN	P P		N	14	00		H522	68
			R 553 H.0/3.4	2 0	G			259001	02	2 A
SLC-RHS-S2 SLC HEATER SWITCH	G080	CR2940	R D						807E161TC	
			R 554 H.0/4.3	4 3	A			285002	02	3 P
SLC-TE-6 SLC STORAGE TANK TEMPERATURE	F080	40-104044-103	D D						H522	113
			P 549 H.7/3.0	3 0				339010	220	2 P
SLC-TIC-2 SLC TEMP. CONTROLLER	F080	40-104044-103	D D						H522	113
			R 552 H.0/4.0	3 0				341004	220	2 A

EPN	MFG	MODEL	STATUS	***SEISMIC (S) PARAMETERS***	FREQ	A/E DRAWING	A/E ZONE	
DESCRIPTION		BLOG ELEV	S E DETAIL	TM HL TEST ANL FO C USE SAFETY FUNCTION	QID	CONTRACT	LEVEL EC	
SLC-TS-3 SLC TEMP. SWITCH	F080	CATALOG 22810	B D	H	00	M522 02	H3 2 A	
SLC-V-9A 1.5" EXPLD SLC INLET TO PRIMARY	C515	1832159	C B	114	33+	M522 361003 02C41	F8 2 A	
SLC-V-4B 1.5" EXPLD SLC INLET TO PRIMARY	C515	1832159	C B	114	33+	M522 361003 02C41	08 2 A	
SPTH-TE-10 SUPPRESSION POOL TEMP, OPER INFO	H329	TC-113X-T-A-24-3	B D	Y	02	33+	M519 339002 218	05 2 A
SPTH-TE-11 SUPPRESSION POOL TEMP, OPER INFO	H329	TC-113X-T-A-24-3	B D	Y	02	33+	M519 339002 218	05 2 A
SPTH-TE-12 SUPPRESSION POOL TEMP, OPER INFO	H329	TC-113X-T-A-24-3	B D	Y	02	33+	M519 339002 218	04 2 A
SPTH-TE-13 SUPPRESSION POOL TEMP, OPER INFO	H329	TC-113X-T-A-24-3	B D	Y	02	33+	M519 339002 218	04 2 A
SPTH-TE-14 SUPPRESSION POOL TEMP, OPER INFO	H329	TC-113X-T-A-24-3	B D	Y	02	33+	M519 339002 218	03 2 A
SPTH-TE-15 SUPPRESSION POOL TEMP, OPER INFO	H329	TC-113X-T-A-24-3	B D	Y	02	33+	M519 339002 218	03 2 A
SPTH-TE-16 SUPPRESSION POOL TEMP, OPER INFO	H329	TC-113X-T-A-24-3	B D	Y	02	33+	M519 339002 218	02 2 A
SPTH-TE-18 SUPPRESSION POOL TEMP	H329	TC-113X-T-A-24-3	B D	Y	02	33+	M519 339002 218	06 2 A
SPTH-TE-18 SUPPRESSION POOL TEMP	H329	TC-113X-T-A-24-3	B D	Y	02	33+	M519 339002 218	06 2 A
SPTH-TE-2A SUPPRESSION POOL TEMP	H329	TC-113X-T-A-24-3	B D	Y	02	33+	M519 339002 218	05 2 A
SPTH-TE-2B SUPPRESSION POOL TEMP	H329	TC-113X-T-A-24-3	B D	Y	02	33+	M519 339002 218	05 2 A
SPTH-TE-3A SUPPRESSION POOL TEMP	H329	TC-113X-T-A-24-3	B D	Y	02	33+	M519 339002 218	03 2 A
SPTH-TE-3B SUPPRESSION POOL TEMP	H329	TC-113X-T-A-24-3	B D	Y	02	33+	M519 339002 218	03 2 A
SPTH-TE-4A SUPPRESSION POOL TEMP	H329	TC-113X-T-A-24-3	B D	Y	02	33+	M519 339002 218	04 2 A
SPTH-TE-4B SUPPRESSION POOL TEMP	H329	TC-113X-T-A-24-3	B D	Y	02	33+	M519 339002 218	04 2 A

EPN	MFG	MODEL	STATUS S E	***SEISMIC (S) PARAMETERS***				FREQ QID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
				TM	HL	TEST	ANL FO C			
DESCRIPTION			BLDG ELEV	DETAIL	USE	SAFETY FUNCTION				
SPTH-TE-5A	H329	IC-113X-I-A-24-3	B D		Y		02	33+	M519	D5
SUPPRESSION POOL TEMP			C 466 SUPP POOL	1 0	1			339002	218	2 A
SPTH-TE-5B	H329	IC-113X-I-A-24-3	B D		Y		02	33+	M519	D5
SUPPRESSION POOL TEMP			C 466 SUPP POOL	1 0	1			339002	218	2 A
SPTH-TE-6A	H329	IC-113X-I-A-24-3	B D		Y		02	33+	M519	D4
SUPPRESSION POOL TEMP			C 466 SUPP POOL	1 0	1			339002	218	2 A
SPTH-TE-6B	H329	IC-113X-I-A-24-3	B D		Y		02	33+	M519	D4
SUPPRESSION POOL TEMP			C 466 SUPP POOL	1 0	1			339002	218	2 A
SPTH-TE-7A	H329	IC-113X-I-A-24-3	B D		Y		02	33+	M519	D2
SUPPRESSION POOL TEMP			C 466 SUPP POOL	1 0	1			339002	218	2 A
SPTH-TE-7B	H329	IC-113X-I-A-24-3	B D		Y		02	33+	M519	D2
SUPPRESSION POOL TEMP			C 466 SUPP POOL	1 0	1			339002	218	2 A
SPTH-TE-8A	H329	IC-113X-I-A-24-3	B D		Y		02	33+	M519	D4
SUPPRESSION POOL TEMP			C 466 SUPP POOL	1 0	1			339002	218	2 A
SPTH-TE-8B	H329	IC-113X-I-A-24-3	B D		Y		02	33+	M519	D4
SUPPRESSION POOL TEMP			C 466 SUPP POOL	1 0	1			339002	218	2 A
SPTH-TE-9	H329	IC-113X-I-A-24-3	B D		Y		02	33+	M519	B5
SUPPRESSION POOL TEMP, OPER INFO			C 447 SUPP POOL	1 0	1			339002	218	2 A
SRM-CONN-01			D						807E162TC	
CONNECTOR FOR SRM-DET-1A			C	BENEATH RPV	2 3	1		02C51	3	P
SRM-CONN-02			D						807E162TC	
CONNECTOR FOR SRM-DET-1B			C	BENEATH RPV	2 3	1		02C51	3	P
SRM-CONN-03			D						807E162TC	
CONNECTOR FOR SRM-DET-1C			C	BENEATH RPV	2 3	1		02C51	3	P
SRM-CONN-04			D						807E162TC	
CONNECTOR FOR SRM-DET-1D			C	BENEATH RPV	2 3	1		02C51	3	P
SRM-DET-1A	G080	368X432G001	D D		Y			807E162		TC
			C	IN RPV	1 3	1		02C51	2	A
SRM-DET-1B	G080	368X432G001	D D		Y			807E162		TC
			C	IN RPV	1 3	1		02C51	2	A
SRM-DET-1C	G080	368X432G001	D D		Y			807E162		TC
			C	IN RPV	1 3	1		02C51	2	A
SRM-DET-1D	G080	368X432G001	D D		Y			807E162		TC
			C	IN RPV	1 3	1		02C51	2	A
SRM-EAMP-1A	G080	112C2276G001	R D							
			R 501 L.7/3.5	1 3	1			106002	02C51	3 A

EPN	MFG	MODEL	STATUS S E	***SEISMIC (S) PARAMETERS***				FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
				TH	HL	TEST	ANL FO C			
DESCRIPTION		BLOG ELEV	DETAIL	USE	SAFETY	FUNCTION	010			
SRM-EAMP-1B	G080	112C2276G001	R D							
			R 501 H.4/7.7	1 3	1			106002	02C51	3 A
SRM-EAMP-1C	G080	112C2276G001	R D							
			R 501 L.5/3.5	1 3	1			106002	02C51	3 A
SRM-EAMP-1D	G080		R D							
			R 501 H.8/8.3	1 3	1			106002	02C51	3 A
SV-ET-7A		1151	A B		H	14.00		33+	M524	G11
FLOW TRANSMITTER			R 503 J.6/3.6	1 3	1			156005	02	3 A
SV-ET-7B	A369	1151	P D		H	14.00		33+	M524	G10
FLOW TRANSMITTER			R 503 H.9/9.3	1 3	1			156005	02	3 A
SV-MO-187A			M						M524	B8
MO FOR SV-V-187A INTO FPC-HX-1A			R 548	1 0	F			221001	41A	2 A
SV-MO-187B			M						M524	B6
SV-V-187B MO SW INTO FPC-HX-1B			R 548	1 0	F			221001	41A	2 A
SV-MO-188A			M						M524	B8
SV-V-188A MO SW OUT OF FPC-HX-1A			R 548	1 0	F			221001	41A	2 A
SV-MO-188B			M						M524	B7
SV-V-188B MO SW OUT OF FPC-HX-1B			R 548	1 0	F			221001	41A	2 A
SV-MO-24A	L200	SMC-04-5/42	R A		H	14.00		33	M524	D12
0.32HP MOTOR OPERATOR SV-V-24A			R 448 K.6/8.0	1 3	C,E,J			221001	215	2 A
SV-MO-24B	L200	SMC-04-5/42	R A		H	14.00		33	M524	D10
0.32HP MOTOR OPERATOR SV-V-24B			R 450 L.8/8.3	1 3	C,E,J			221001	215	2 A
SV-MO-24C	L200	SMC-04-5/42	R A		H	14.00		33	M524	D13
0.32HP MOTOR OPERATOR SV-V-24C			R 450 H.7/4.4	1 3	C,E,J			221001	215	2 A
SV-MO-44	L200	SMC-04-5/42	B A		H	14.00		33	M524	D9
0.5HP MOTOR OPERATOR SV-V-44			R 455 K.9/3.9	1 0	C,J			221001	215	2
SV-MO-54	L200	SMC-04-5/42	S A		P	Y 114		33+	M524	D9
0.5HP MOTOR OPERATOR SV-V-54			R 450 H.9/4.0	1 0	J			221001	215	2 A
SV-MO-75A			P P						M524	G11
MOTOR OPERATOR FOR SV-V-75A			R 522 J.9/4	2 0	F			221001	215	2 A
SV-MO-75B			P P		P				M524	G10
MOTOR OPERATOR FOR SV-V-75B			R 522 H.6/0.4	2 0	F			221001	215	2 A
SV-PS-1014	A499	SC11AR/7G10A44R	D A		R	N 114		50	H607/2	C15
SUPPLY TO H2-02 ANALY SV-V-754			R 548	1 3	F			256001	220	2 A
SV-PS-1015	A499	SC11AR/7G10A44R	D A		R	N 114		50	H607/2	B15
SUPPLY TO H2-02-ANALY SV-V-755			R 548	1 3	F			256001	220	2

PROGRAM CIE-SQRT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00217
DATE 10/01/82

EPN	MFG DESCRIPTION	MODEL	BLOG ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***			A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TM HL TEST ANL FO C USE SAFETY FUNCTION	FREQ QID			
SU-RE-4	G080 117B1681G001			R D					
SU DISCH FROM RHR-HX-1B			R 522 K.6/9.5		1 3 F.1	277004	M524 02D17	G11 2	A
SU-RE-5	G080 117B1681G001			R D					
SU DISCH FROM RHR-HX-1A			R 522 H.1/9.5		1 3 F.1	277004	M524 02D17	G10 2	A
SU-RLY-CRV44	S440 H			R A					
CONTROL RELAY FOR SU-V-44			R 522 H.4/8.1		1 3 C.E.J	283041	E527/SH9	3	A
SU-V-201	M095 MV229HQ-L2			A A					
.5" SOLENOID SAMPLE TO SR-13			R 548		W N 200 01 1 0 F	92+ 324004	M607/2 220	C15 2	A
SU-V-204	M095 MV229HS-L2			A T					
.5" SOLENOID TSW TO H2 O2 ANALY			R 548		W N 200 01 1 0 F	92+ 324004	M607/2 220	C15 2	A
SU-V-206	M095 MV229HS-L2			D A					
.5" SOLENOID SAMPLE TO SR-14			R 548		1 0 F	324004	M607/2 220	R15 2	A
SU-V-209	M095 MV229HQ-L2			D T					
.5" SOLENOID SAMPLE TO H2 O2 ANALY			R 548		1 0 F	324004	M607/2 220	B15 2	A
SU-V-210	M095 MV229HS-L2			D T					
.5" SOLENOID H2 O2 ANALY TSW DISCH			R 548		1 0 F	324004	M607/2 220	A12 2	A
SU-V-211	M095 MV229HS-L2			D A					
.5" SOLENOID SR-14 DISCHARGE			R 548 H/4.3		1 0 F	324004	M607/2 220	A12 2	A
SU-V-212	M095 MV229HQ-L2			D T					
.5" SOLENOID H2 O2 ANALY TSW DISCH			R 548		1 0 F	324004	M607/2 220	D13 2	A
SU-V-213	M095 MV229HS-L2			D A					
.5" SOLENOID SR-13 DISCHARGE			R 548		1 0 F	324004	M607/2 220	B13 2	A
SU-V-34	M095 MV252-1			D					
SOL. OPERATE V-34 RCIC PHP RM RTH			R 452 H.7/8.0		2 1 J	361005	M524 215	D11 2	A
TIP-V-1	G080 P P136B1302G002			R					
TIP EXPLOSIVE ACT ISOL SHEAR VLV			R 501 J.0/4.5		1 0 D1	361004	R07E165TC/ 02C51	2J1 2	A
TIP-V-2	G080 P P136B1302G002			R					
TIP EXPLOSIVE ACT ISOL SHEAR VLV			R 501 J.0/4.5		1 0 R1	361004	R07E165TC/ 02C51	2J1 2	A
TIP-V-3	G080 P P136B1302G002			R					
TIP EXPLOSIVE ACT ISOL SHEAR VLV			R 501 J.0/4.5		1 0 R1	361004	R07E165TC/ 02C51	2J1 2	A
TIP-V-4	G080 P P136B1302G002			R					
TIP EXPLOSIVE ACT ISOL SHEAR VLV			R 501 J.0/4.5		1 0 D1	361004	R07E165TC/ 02C51	2J1 2	A
TIP-V-5	G080 P P136B1302G002			R					
TIP EXPLOSIVE ACT ISOL SHEAR VLV			R 501 J.0/4.5		1 0 R1	361004	R07E165TC/ 02C51	2J1 2	A

EPN	HFG DESCRIPTION	MODEL	BLDG ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***			FREQ QID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TH	HL	TEST ANL FO C USE SAFETY FUNCTION			
DCW-H-1C	U200	WVH6X-17		R	N				H512	G13
OG-1C JACKET WTR IMMERSTION HTR			D 443 P.8/5.2		4 0	H		164003	02	2 A
DCW-HC-1A1	S345	BCW42		T H	N				H512	C14
OG1A1 JACKET WTR IMMERSTION HTR			D 441 P.1/6.0		4 0	H		166002	53	2 A
DCW-HC-1A2	S345	BCW42		T H	N				H512	C6
OG1A2 JACKET WTR IMMERSTION HTR			D 441 P.8/6.0		4 0	H		166002	53	2 A
DCW-HC-1B1	S345	BCW42		T H	N				H512	C14
OG1B1 JACKET WTR IMMERSTION HTR			D 441 P.8/8.0		4 0	H		166002	53	2 A
DCW-HC-1B2	S345	BCW42		T H	N				H512	C6
OG1B2 JACKET WTR IMMERSTION HTR			D 441 R.8/8.0		4 0	H		166002	53	2 A
DCW-LS-10A1	M498	EL150-K1-T		A	R	N	021		H512	D13
DCW EXPAN TK 1A1 LO LVL AL			D 441 P.6/6.3		0 0			207010	53	2 A
DCW-LS-10A2	M498	EL150-K1-T		A	R	N	021		H512	D7
DCW EXPAN TK 1A2 LO LVL AL			D 441 R.6/6.3		0 0			207010	53	2 A
DCW-LS-10B1	M498	EL150-K1-T		A	R	N	021		H512	D13
DCW EXPAN TK 1B1 LO LVL AL			D 441 R.6/8.0		0 0			207010	53	2 A
DCW-LS-10B2	M498	EL150-K1-T		A	R	N	021		H512	D7
DCW EXPAN TK 1B2 LO LVL AL			D 441 R.6/8.0		0 0			207010	53	2 A
DCW-LS-15				R	N				H512	H13
DCW-TK-1C EXPAN TK LOW LEVEL ALRM			D 450 P.8/5.1		4 0	H			02	2 A
DCW-LS-20A1	M498	EL150-K1-T		A	N				53-00-0020	
OG-1A1 LOW WTR LEVEL SWITCH (ALRM)			D 441 Q/6.6		4 0	H		207010		2 A
DCW-LS-20A2	M498	EL150-K1-T		A	N				53-00-0020	
OG-1A2 LOW WTR LEVEL SWITCH (ALRM)			D 441 R/8.4		4 0	H		207010		2 A
DCW-LS-20B1	M498	EL150-K1-T		A	N				53-00-0020	
OG-1B1 LOW WTR LEVEL SWITCH (ALRM)			D 441 Q/6.6		4 0	H		207010		2 A
DCW-LS-20B2	M498	EL150-K1-T		A	N				53-00-0020	
OG-1B2 LOW WTR LEVEL SWITCH (ALRM)			D 441 R/R.4		4 0	H		207010		2 A
DCW-RMS-52A1	G080	CR2940U201		R	N				53-00-0031	
SWITCH TO HEATER DCW-H-1A1			D 441 Q/9.4		4 0	H		285002	53	2 A
DCW-RMS-52A2	G080	CR2940U201		R	N				53-00-0031	
SWITCH TO HEATER DCW-H-1A2			D 441 Q/9.4		4 0	H		285002	53	2 A
DCW-RMS-52B1	G080	CR2940U201		R	N				53-00-0031	
SWITCH TO HEATER DCW-H-1B1			D 441 Q/7.4		4 0	H		285002	53	2 A
DCW-RMS-52B2	G080	CR2940U201		R	N				53-00-0031	
SWITCH TO HEATER DCW-H-1B2			D 441 Q/7.4		4 0	H		285002	53	2 A

EPN	HFG	MODEL	STATUS	***SEISMIC (S) PARAMETERS***	FREQ	A/E DRAWING	A/E ZONE
DESCRIPTION	BLOG. ELEV	DETAIL	TH HL TEST ANL FO C	USE SAFETY FUNCTION...	QID	CONTRACT	LEVEL EC
DCW-TCV-1A1 COOLING WATER OUT DG-ENG-1A	A415	P839A034	R	4 0 H	335001	H512 53	C14 2 A
DCW-TCV-1A2 COOLING WATER OUT DG-ENG-A2	A415	P839A034	R	4 0 H	335001	H512 53	D6 2 A
DCW-TCV-1B1 COOLING WATER OUT DG-ENG-D1	A415	P839A034	R	4 0 H	335001	H512 53	C14 2 A
DCW-TCV-1B2 COOLING WATER OUT DG-ENG-B2	A415	P839A034	R	4 0 H	335001	H512 53	D6 2 A
DCW-TCV-2 3 WAY WPCS GEN COOLING WATER OUT	A415	P839A034	R	4 0 H	335001	H512 02	H14 2 A
DCW-TS-10A1 DSL ENG A1 TO HX-1A1 HI AL(200 F)	S345	9025 BCU42 SERIES B	T	0 0 H	355011	H512 53	D5 2 A
DCW-TS-10A2 DSL ENG A2 TO HX-1A2 HI AL(200 F)	S345	9025 BCU42 SERIES B	T	0 0 H	355011	H512 53	D7 2 A
DCW-TS-10B1 DSL ENG D1 TO HX-1B1 HI AL(200 F)	S345	9025 BCU42 SERIES B	T	0 0 H	355011	H512 53	D5 2 A
DCW-TS-10B2 DSL ENG B2 TO HX-1B2 HI AL 200 F	S345	9025 BCU42 SERIES B	T	0 0 H	355011	H512 53	D7 2 A
DCW-TS-11A1 DG-1A1 SHUTDOWN A1 JCKT WTR TEMP	S345	9025 BCU 42 SER B	T N	4 0 H	355011	H512 53	D5 2 A
DCW-TS-11A2 DG-1A2 SHUTDOWN HI JCKT WTR TEMP	S345	9025 BCU 42 SER B	T N	4 0 H	355011	H512 53	D7 2 A
DCW-TS-11B1 DG-1B1 SHUTDOWN HI JCKT WTR TEMP	S345	BCU42	T N	4 0 H	355011	H512 53	D5 2 A
DCW-TS-11B2 DG-1B2 SHUTDOWN HI JCKT WTR TEMP	S345	BCU42	T N	4 0 H	355011	H512 53	D7 2 A
DCW-TS-12A1 DG-1A1 LO JCKT WTR TEMP (115 F)	S345	9025 BCU 43 SERIES B	T N	4 0 H	355011	H512 53	C5 2 A
DCW-TS-12A2 DG-1A2 LO JCKT WTR TEMP(115 F)	S345	9025 BCU 43 SERIES B	T N	4 0 H	355011	H512 53	C5 2 A
DCW-TS-12B1 DG-1B1 LO JCKT WTR TEMP(115 F)	S345	BCU43	T N	4 0 H	355011	H512 53	C5 2 A
DCW-TS-12B2 DG-1B2 LO JCKT WTR TEMP(115 F)	S345	BCU43	T N	4 0 H	355011	H512 53	C5 2 A
DCW-TS-25A1 DG-1A1 HI COOLANT TEMP SW SHUTDOWN	S345	9025-DCW-42	I	4 0 H	355011	53-00-0021	53 2 A

EPN	HFG DESCRIPTION	MODEL	BLDG ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***				FREQ OID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TH	HL	TEST	ANL FO C			
					USE		SAFETY FUNCTION				
DCW-TS-25A2	S345 9025-BCW-42			T	N					53-00-0021	
OG-1A2 HI COOLANT TEMP SW SHUTDOWN			D 441 R/8.4		4 0	H			355011 53	2	A
DCW-TS-25B1	S345 9025-BCW-42			T	N					53-00-0021	
OG-1B1 HI COOLANT TEMP SW SHUTDOWN			D 441 Q/6.6		4 0	H			355011 53	2	A
DCW-TS-25B2	S345 9025-BCW-42			T	N					53-00-0021	
OG-1B2 HI COOLANT TEMP SW SHUTDOWN			D 441 R/8.4		4 0	H			355011 53	2	A
DCW-TS-37A1	S345 9025-BCW-42			T	N					53-00-0031	
WTR TEMP OG-1A1			D 441 R/6.6		4 0	H			355011 53	2	A
DCW-TS-37A2	S345 9025-BCW-42			T	N					53-00-0031	
WTR TEMP OG-1A2			D 441 R/8.4		4 0	H			355011 53	2	A
DCW-TS-37D1	S345 9025-BCW-42			T	N					53-00-0031	
WTR TEMP OG-1B1			D 441 Q/6.6		4 0	H			355011 53	2	A
DCW-TS-37B2	S345 9025-BCW-42			T	N					53-00-0031	
WTR TEMP OG-1B2			D 441 Q/8.4		4 0	H			355011 53	2	A
DCW-TS-4	F081 20800			R D	N					H512	H12
HPCS DSL COOLING HI TEMP SHUTDOWN			D 441 P4/5		4 0	H			355005 02E22	2	A
DCW-TS-43A1	S345 9025-BCW-43			T	N					53-00-0022	
OG-1A1 LOW JACKET WTR TEMP SW ALRM			D 441 R/6.6		4 0	H			355011 53	2	A
DCW-TS-43A2	S345 9025-BCW-43			T	N					53-00-0022	
OG-1A2 LOW JACKET WTR TEMP SW ALRM			D 441 R/8.4		4 0	H			355011 53	2	A
DCW-TS-43B1	S345 9025-BCW-43			T	N					53-00-0022	
OG-1B1 LOW JACKET WTR TEMP SW ALRM			D 441 Q/6.6		4 0	H			355011 53	2	A
DCW-TS-43B2	S345 9025-BCW-43			T	N					53-00-0022	
OG-1B2 LOW JACKET WTR TEMP SW ALRM			D 441 Q/8.4		4 0	H			355011	2	A
DCW-TS-5	F081 20800			R D	N					H512	H13
HPCS DSL CLNG HI TEMP AL 195 F			D 441 P4/5		4 0	H			355005 02E22	2	A
DCW-TS-6	F081 20800			R D	N					H512	H13
HPCS DSL COOLING LO TEMP AL			D 441 P4/5		4 0	H			355005 02E22	2	A
DCW-TS-8	S345 9025-BCW-2529			T D	N					H512	H14
HPCS DSL CLNG IMHRSN WTR CONT SW			D 441 P4/5		4 0	H			355011 02E22	2	A
DCW-TS-8A1	S345 9025-BCW-42			T	N					53-00-0021	
OG-1A1 HI COOLANT TEMP SW-ALARM			D 441 R/6.6		4 0	H			355011 53	2	A
DCW-TS-8A2	S345 9025-BCW-42			T	N					53-00-0021	
OG-1A2 HI COOLANT TEMP SW-ALARM			D 441 R/8.4		4 0	H			355011 53	2	A
DCW-TS-8B1	S345 9025-BCW-42			T	N					53-00-0021	
OG-1B1 HI COOLANT TEMP SW-ALARM			D 441 Q/6.6		4 0	H			355011	2	A

EPN	MFG	MODEL	STATUS S E	***SEISMIC (S) PARAMETERS***				FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
				TH	HL	TEST	ANL FO C			
DESCRIPTION		BLDG ELEV	DETAIL	USE	SAFETY FUNCTION		OID			
DCW-TS-8D2 OG-182 HI COOLANT TEMP SW-ALARM	S395	9025-DCW-42	I	N				355011	53-00-0021	2 A
DCW-Y-1A1 0.25" SOL OPER VLV TO DCW-TK-1A1	S907	DWG D-21535	O	H				361909	M512 53	D13 2 P
DCW-Y-1A2 0.25" SOL OPER VLV TO DCW-TK-1A2	S907	DWG D-21535	O	H				361909	M512 53	D6 2 P
DCW-Y-1B1 0.25" SOL OPER VLV TO DCW-TK-1B1	S907	DWG D-21535	O	H				361909	M512 53	D13 2 P
DCW-Y-1B2 0.25" SOL OPER VLV TO DCW-TK-1B2	S907	DWG D-21535	O	H				361909	M512 53	D6 2 P
DEA-DPS-11 DIFF. PRESS. ACROSS DEA-FN-11	D295	1627-1	D	N	121			33+ 090003	M551 216	C9 2 A
DEA-DPS-12 AIR FAN DIFF PRESS DAY TK RM D-138	S254	7PS110W	B	H				090004	M551 216	E7 2 A
DEA-DPS-21 DIFF. PRESS ACROSS DEA-FN-21	D295	1627-1	D	N	121			33+ 090003	M551 216	C6 2 A
DEA-DPS-22 AIR FAN DIFF PRESS DAY TK RM D-111	S254	7PS110W	B	H				090001	M551 216	E5 2 A
DEA-DPS-31 DIFF. PRESS. ACROSS DEA-FN-31	D295	1627-1	D	N	121			33+ 090003	M551 216	D11 2 A
DEA-DPS-32 AIR FAN DIFF PRESS DAY TK RM D-195	S254	7PS110W	B	H				090001	M551 216	E9 2 A
DEA-M-11 50HP/66A MOTOR FOR DEA-FN-11	R165	48-26-5-1170AP	A B	F	N 114			33+ 213035	M551 22A	D8 2 A
DEA-M-12 50HP/1.0A MOTOR FOR DEA-FN-12	W120	74D25005	A B	F	N H J			213008	M551 28	E7 2 A
DEA-M-13 50HP/1.1A MOTOR FOR DEA-FN-13	W120	74D25007	B B	F	N H J			213019	M551 28	D12 2 A
DEA-M-21 50HP/66A MOTOR FOR DEA-FN-21	J127	48-26-5-1170AP	A B	F	N 114			33+ 213035	M551 22A	D6 2 A
DEA-M-22 50HP/1A MTR DRIV DEA-FN-22	W120	74D25005	A B	F	N H J			213008	M551 28	D12 2 A
DEA-M-23 50HP/1.1A MOTOR FOR DEA-FN-23	W120	74D25007	D D	F	N H J			213019	M551 28	D12 2 A
DEA-M-31 50HP/66A MOTOR FOR DEA-FN-31	R165	48-26-5-1170AP	A B	F	N 114			33+ 213035	M551 22A	D11 2 A

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WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00005
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EPN	MFG DESCRIPTION	MODEL	BLDG ELEV	STATUS S E DETAIL	***SEISHIC (S) PARAMETERS***				FREQ QID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TM	HL	TEST	ANL FO C			
USE	SAFETY FUNCTION										
DEA-M-32	W120 74025006			A B		N				M551	E10
.50HP/1.0A MOTOR FOR DEA-FN-32			D 450	0.8/3.9	4 0	H,J			213008	28	2 A
DEA-M-33	W120 74025007			B B		F N				M551	E12
.50HP/1.1A MOTOR FOR DEA-FN-33			D 447	R.3/3.4	4 0	H,J			213019	28	2 A
DEA-M-51	R165 13YF2771H6A1			B B		F N				M551	B10
1HP/7A MTR FOR DEA-FN-51			D 455	P.1/3.8	4 0	H,J			213044	22A	2 A
DEA-M-52	R165 3YF277146A2B			B B		F N				M551	B3
1HP/1.7A MOTOR FOR DEA-FN-52			D 467	M.0/9.8	4 0	H,J			213044	22A	2 A
DG-EXC-1C	G080 357930HA15961			R		N				M551	
EXCITER FOR DIESEL GENERATOR C			D 441	P.5/4.4	4 0	H			127001		2 A
DG-EXC-A	P292 72-04500-100			A H		F N	021			53-00-0032	C6
RECT-EXCITER FOR DIESEL GEN A			D 441	0.4/7.0	4 0	H			127002	53	2 A
DG-EXC-B	P292 72-04500-100			A H		F N	021			53-00-0032	C6
RECT-EXCITER FOR DIESEL GEN B			D 441	0.4/9.0	4 0	H			127002	53	2 A
DG-GEN-1C	G080 P.O. A-990			D D		N				M512	H11
HPCS GEN 94A FLD/494A ARH/356 OKVA			D 441	0.8/5.0	4 0	H			162003	02E22	2 A
DG-PS-S221	E160 8362040			D		N					
HIGH CRANK CASE PRESS			D 441	P.2/7.0	4 0	H			256010	53	2 A
DG-PS-S222	E147 8362040			D		N					
HIGH CRANK CASE PRESS			D 441	0.5/8.0	4 0	H			256010	53	2 A
DG-PS-S22A1	E160 8362040			D		N					
HIGH CRANK CASE PRESS			D 441	P.2/7.0	4 0	H			256010	53	2 A
DG-PS-S22A2	E147 8362040			D		N					
HIGH CRANK CASE PRESS			D 441	0.5/8.0	4 0	H			256010	53	2 A
DG-PS-S471	S345 9012 ACW29			T		N					
LOW STARTING AIR PRESS			D 441	0.5/8.0	4 0	H			256015	53	2 A
DG-PS-S472	S345 9012 ACW29			T		N					
LOW STARTING AIR PRESS			D 441	0.5/8.0	4 0	H			256015	53	2 A
DG-PS-S47A1	S345 9012 ACW29			T		N					
LOW STARTING AIR PRESS			D 441	0.5/6.1	4 0	H			256015	53	2 A
DG-PS-S47A2	S345 9012 ACW29			T		N					
LOW STARTING AIR PRESS			D 441	0.5/6.1	4 0	H			256015	53	2 A
DG-SE-G3/DG1	S519 ESGO			D		N					
GENERATOR SPEED SENSING			D 441	P.2/7.0	4 0	H			303002	53	2 A
DG-SE-G3/DG2	S519 ESGO			D		N					
GENERATOR SPEED SENSING			D 441	0.1/9.0	4 0	H			303002	53	2 A

EPN	MFG	MODEL	STATUS S E	BLOG-ELEV	***SEISMIC (S) PARAMETERS***				FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TH	HL	TEST	ANL FO C			
DESCRIPTION			DETAIL		USE		SAFETY FUNCTION		OID		
DG-SPV-L011 SOL STARTER AIR PILOT VALVE	A499	8321A2	A	D 441 0.5/6.1	R	H	114		33+	315001 53	2 A
DG-SPV-L012 SOL. STARTER AIR PILOT VALVE	A499	8321A2	A	D 441 0.5/8.0	R	H	114		33+	315001 53	2 A
DG-SPV-L01A1 SOL STARTER AIR PILOT VALVE	A499	8321A2	A	D 441 0.5/6.1	R	H	114		33+	315001 53	2 A
DG-SPV-L01A2 SOL STARTER AIR PILOT VALVE DG1	A499	8321A2	A	D 441 0.5/8.0	R	H	114		33+	315001 53	2 A
DG-SPV-L021 SOL. STARTER AIR PILOT VALVE	A499	8321A2	A	D 441 0.5/6.1	R	H	114		33+	315001 53	2 A
DG-SPV-L022 SOL STARTER AIR PILOT VALVE	A499	8321A2	A	D 441 0.5/8	R	H	114		33+	315001 53	2 A
DG-SPV-L02A1 SOL. VALVE	A499	8321A2	A	D 441 P2/7	R	H	114		33+	315001 53	2 A
DG-SPV-L02A2 SOL STARTER AIR PILOT VALVE	A499	8321A2	A	D 441 0.01/9.0	R	H	114		33+	315001 53	2 A
DG-SPV-L041 RAW WATER IIX SOLENOID	A499	8321A4	A	D 441 P.2/7.0	R	H	114		33+	315001 53	2 A
DG-SPV-L04A/DG2 RAW WATER HEAT EXCH SOL VALVE DG2	A499	8321A4	A	D 441 0.5/8.0	R	H	114		33+	315001	2 A
DG-SPV-L04A1 SOLENOID	A499	8321A4	A	D 441 P2/7	R	H	114		33+	315001 53	2 A
DG-SPV-L051 SHUTDOWN SOLENOID	A499	8321A4	A	D 441 P2/7	R	H	114		33+	315001 53	2 A
DG-SPV-L051A SHUTDOWN SOLENOID	A499	8321A4	A	D 441 P2/7	R	H	114		33+	315001 53	2 A
DG-SPV-L052 SHUTDOWN SOLENOID	A499	8321A4	A	D 441 P2/7	R	H	114		33+	315001 53	2 A
DG-SPV-L05A2 SHUTDOWN SOLENOID	A499	8321A4	A	D 441 P.2/7.0	R	H	114		33+	315001 53	2 A
DLO-LS-17 HPCS DG LURE OIL SUMP LEVEL SWITCH			P	D 441 0.0/5.1		H				M551 02	H12 2 A
DLO-LS-1A1 LS LURE ST SUMP AL (S&S NO 29)	M498	EL-150-K1-T	A H	D 441 P.4/6.0	R	H	021			M512 207010 53	B6 2 A
DLO-LS-1A2 LS LURE ST SUMP A2 (S&S NO 29A)	M498	EL-150-K1-T	A H	D 441 R.0/6	R	H	021			M512 207010 53	A6 2

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WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00007
DATE 10/01/82

EPN	MFG	MODEL	STATUS S E	***SEISMIC (S) PARAMETERS***	FREQ	A/E DRAWING	A/E ZONE
DESCRIPTION		HLDC ELEV	DETAIL	1M HL TEST ANL FO C USE SAFETY FUNCTION	OID	CONTRACT	LEVEL EC
DLO-LS-1R1 LS LUBE ST SUMP B1 (S&S NO 29)	M198	EL-150-K1-T	A H	R H 021	207010	M512 53	B6 2 A
DLO-LS-1R2 LS LUBE ST SUMP B2 (S&S NO 29A)	M198	EL-150-K1-T	A H	R H 021	207010	M512 53	A6 2 A
DLO-LS-291 LUBE OIL LEVEL LOW ALARM	M198	EL150-K1-T	A	H	207010	53-00-0020 53	2 A
DLO-LS-292 LUBE OIL LEVEL LOW ALARM	M198	EL150-K1-T	A	H	207010	53-00-0020 53	2 A
DLO-LS-29A1 LUBE OIL LEVEL LOW ALARM	M198	EL150-K1-T	A	H	207010	53-00-0020 53	2 A
DLO-LS-29A2 LUBE OIL LEVEL LOW ALARM	M198	EL150-K1-T	A	H	207010	53-00-0020 53	2 A
DLO-M-2A1 3/4HP/6.1A MOTOR DRIVER DLO-P-2A1	G080	5BCC56K063A	D H	H	213004	M512 53	B14 2 A
DLO-M-2A2 3/4HP/6.1A MOTOR DRIVER DLO-P-2A2	G080	5BCC56K063A	D H	H	213004	M512 53	B5 2 A
DLO-M-2B1 3/4HP/6.1A MOTOR DRIVER DLO-P-2B1	G080	5BCC56K063A	D H	H	213004	M512 53	B5 2 A
DLO-M-2B2 3/4HP/6.1A MOTOR DRIVER DLO-P-2B2	G080	5BCC56K063A	D H	H	213004	M512 53	B5 2 A
DLO-M-3A1 1HP/4.64A MOTOR FOR DLO-P-3A1	D092	15717-A	D H	F H	213003	M512 53	B14 2 A
DLO-M-3A2 1HP/4.64A MOTOR FOR DLO-P-3A2	D092	15717-A	D H	F H	213003	M512 53	B6 2 A
DLO-M-3B1 1HP/4.64A MOTOR FOR DLO-P-3B1	D092	15717-A	D H	H	213003	M512 53	B14 2 A
DLO-M-3B2 1HP/4.64A MOTOR FOR DLO-P-3B2	D092	15717-A	D H	H	213003	M512 53	B6 2 A
DLO-M-6 7HP/7A MOTOR DRIVER DLO-P-6	D092	12724-Y1/145T	R D	H	213002	M512 02E22	G10 2 A
DLO-M-7 MOTOR DRIVER DLO-P-7			H	H		02	H10 2 A
DLO-M-8 MOTOR DRIVER DLO-P-8			H	H		02	H10 2 A
DLO-PS-191 LOW OIL PRESSURE SHUTDOWN-17PSI	S345	9012-ACU-21	T	H	256015	53-00-0021 53	2 A

EPN	MFG	MODEL	STATUS S E	***SEISMIC (S) PARAMETERS***				FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
				TM	HL	TEST	ANL FO C			
DESCRIPTION	BLOG ELEV	DETAIL	USE	SAFETY	FUNCTION	Q10				
DLO-PS-192 LOW OIL PRESSURE SHUTDOWN-17PSI	S395	9012-ACV-21	T		H			256015	53	2 A
DLO-PS-19A1 LOW OIL PRESSURE SHUTDOWN-17PSI	S395	9012-ACV-2	T		H			256015	53	2 A
DLO-PS-19A2 LOW OIL PRESSURE SHUTDOWN-17PSI	S395	9012-ACV-2	T		H			256015	53	2 A
DLO-PS-1A1 CRKNG MTR DISC (40PSI) (S&S NO S24)	S395	9012-ACV-21	T H		H			256015	53	2 A
DLO-PS-1A2 CRKNG MTR DISC (40PSI) (S&S NO S24A)	S395	9012-ACV-21	T H		H			256015	53	2 A
DLO-PS-101 CRKNG MTR DISC (40PSI) (S&S NO 24A)	S395	9012-ACV-21	T H		H			256015	53	2 A
DLO-PS-1B2 CRKNG MTR DISC (40PSI) (S&S NO S24A)	S395	9012-ACV-21	T H		H			256015	53	2 A
DLO-PS-20 LO STBY PRESS AL INLT HPCS TURBO	B069	E11H15V	T D		H			256004	02E22	2 A
DLO-PS-22 LO ENG PRESS AL (40PSI) P.A. DISCH	B069	E11H90V	T D		H			256004	02E22	2 A
DLO-PS-24 LO ENG PRESS SHUTDOWN (20PSI) P-80 DISCH	B069	E11H90V	T D		H			256004	02E22	2 A
DLO-PS-26 HI CRKCASE PRESS AL (1"H20)			R		H				02	2 A
DLO-PS-2A1 LM LO PRES AL (26PSI) (S&S NO S6)	S395	9012-ACV-21	T H		H			256015	53	2 A
DLO-PS-2A2 LOW LO PRES AL (26PSI) (S&S NO S6A)	S395	9012-ACV-21	T H		H			256015	53	2 A
DLO-PS-2B1 LOW LO PRES AL (26PSI) (S&S NO S6)	S395	9012-ACV-21	T H		H			256015	53	2 A
DLO-PS-2B2 LOW LO PRES AL (26PSI) (S&S NO S6)	S395	9012-ACV-21	T H		H			256015	53	2 A
DLO-PS-30 LO PRESS ENG IDLE	B069	E11H90	T D		H			256004	02E22	2 A
DLO-PS-37 PHP DLO-P-9 DISCH PRESS (40PSI)			R		H				02	2 A
DLO-PS-3A1 LOW LO PRESS SHUTDOWN (17PSI)	S395	9012-ACV-21	T H		H			256015	53	2 A

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WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00009
DATE 10/01/82

EPN	MFG DESCRIPTION	MODEL	BLOG ELEV	STATUS S E DETAIL	SEISMIC (S) PARAMETERS				FREQ Q10	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TH	HL	TEST	ANL FO C			
					USE		SAFETY FUNCTION				
DLO-PS-3A2	S345 9012 ACW-21			T H		N				H512	B7
DLO-F-3A2	LOW OIL PRESS SHUTDOWN		D 445 R.5/6.2		4 0	H			256015	53	2 A
DLO-PS-3B1	S345 9012 ACW-21			T H		N				H512	B13
DLO-F-3B1	LOW LO PRESS SHUTDOWN(17PSI)		D 445 P.3/8.2		4 0	H			256015	53	2 A
DLO-PS-3D2	S345 9012 ACW-21			T H		N				H512	B7
DLO-F-3D2	LOW LO PRESS SHUTDOWN(17PSI)		D 445 R.5/8.0		4 0	H			256015	53	2 A
DLO-PS-451	S345 9012-ACW-21			T		N				53-00-0031	
DLO-F-451	CONTROL OF PUMP DLO-P-3A1		D 441 0.0/6.1		4 0	II			256015	53	2 A
DLO-PS-452	S345 9012-ACW-21			T		N				53-00-0031	
DLO-F-452	CONTROL OF PUMP DLO-P-3B1		D 441 0.0/8.1		4 0	H			256015	53	2 A
DLO-PS-45A1	S345 9012-ACW-21			T		N				53-00-0031	
DLO-F-45A1	CONTROL OF DLO-P-3A2		D 441 R.0/6.1		4 0	H			256015	53	2 A
DLO-PS-45A2	S345 9012-ACW-21			T		N				53-00-0031	
DLO-F-45A2	CONTROL OF DLO-P-3B2		D 441 R.0/8.1		4 0	II			256015	53	2 A
DLO-PS-4A1	S345 9012 ACW-21			T H		N				H512	B13
DLO-P-3A1	CTRL SW(26PSI)		D 445 P.3/8.2		4 0	H			256015	53	2 A
DLO-PS-4A2	S345 9012 ACW-21			T H		N				H512	B7
DLO-P-3A2	CONT SW(26PSI)		D 445 R.5/6.2		4 0	II			256015	53	2 A
DLO-PS-4B1	S345 9012 ACW-21			T H		N				H512	B13
DLO-P-3B1	CONT SW(26PSI)		D 445 P.3/8.2		4 0	II			256015	53	2 A
DLO-PS-4D2	S345 9012 ACW-21			T H		N				H512	B7
DLO-P-3D2	CONT SW(26PSI)		D 445 R.5/8.0		4 0	H			256015	53	2 A
DLO-PS-56A1	S345 9012-ACW-21			T		N				53-00-0020	
DLO-F-56A1	PUMP FAIL ALARM FOR DLO-P-2A2/3A2		D 441 R.0/8.1		4 0	H			256015	53	2 A
DLO-PS-56A2	S345 9012-ACW-21			T		N				53-00-0020	
DLO-F-56A2	PUMP FAIL ALARM FOR DLO-P-2B2/3B2		D 441 R.0/8.1		4 0	II			256015	53	2 A
DLO-TS-10						N				H512	G10
DLO-F-10	LOW LUBE OIL TEMP AL(120 F)		D 441		4 0	H				02E22	2 A
DLO-TS-261	S345 9025-BCW-43			T		N				53-00-0021	
DLO-F-261	LOW OIL TEMP ALARM-115F		D 441 0.0/6.1		4 0	II			355011	53	2 A
DLO-TS-262	S345 9025-BCW-43			T		N				53-00-0021	
DLO-F-262	LOW OIL TEMP ALARM-115F		D 441 R.0/8.1		4 0	H			355011	53	2 A
DLO-TS-26A1	S345 9025-BCW-43			T		N				53-00-0021	
DLO-F-26A1	LOW OIL TEMP ALARM-115F		D 441 0.0/6.1		4 0	II			355011	53	2 A
DLO-TS-26A2	S345 9025-BCW-43			T		N				53-00-0021	
DLO-F-26A2	LOW OIL TEMP ALARM-115F		D 441 R.0/8.1		4 0	II			355011	53	2 A

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WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00010
DATE 10/01/82

EPN	HFG	MODEL	STATUS	SEISMIC (S) PARAMETERS	FREQ	A/E DRAWING	A/E ZONE
DESCRIPTION		BLDG ELEV	S E DETAIL	TM HL TEST AHL FO C USE SAFETY FUNCTION	DID	CONTRACT	LEVEL EC
DLO-TS-35A1 HI OIL TEMP(240 F) AL(S&S NO. 57)	S345	9025-BCW-95	I	N	355011	M551	C15
DLO-TS-35A2 DLO-HX-24Z INLET HI OIL TEMP	S345	9025-BCW-95	I	N	355011	M551	C5
DLO-TS-35B1 HX-201 IN HI OIL TEMP(240 F)	S345	9025-BCW-95	I	N	355011	M551	C15
DLO-TS-71 HIGH OIL TEMP ALARM-240F	S345	9025-BLV-95	I	N	355011	53-00-0021	A
DLO-TS-72 HIGH OIL TEMP ALARM-240F	S345	9025-BLV-95	I	N	355011	53-00-0021	A
DLO-TS-7A1 HIGH OIL TEMP ALARM-240F	S345	9025-BCW-95	I	N	355011	53-00-0021	A
DLO-TS-7A2 HIGH OIL TEMP ALARM-240F	S345	9025-BCW-95	I	N	355011	53-00-0021	A
DMA-DPS-11 DIFF. PRESS. ACROSS DMA-FN-11	D295	1627-1	B	N 121	090003	M551	08
DMA-DPS-12 DIFF. PRESS. ACROSS DMA-FN-12	D295	1627-1	B	N 121	090003	M551	C7
DMA-DPS-21 DIFF. PRESS. ACROSS DMA-FN-21	D295	1627-1	B	N 121	090003	M551	05
DMA-DPS-22 DIFF. PRESS ACROSS DMA-FN-22	D295	1627-1	B	N 121	090003	M551	C5
DMA-DPS-31 DIFF. PRESS. ACROSS DMA-FN-31	D295	1627-1	B	N 121	090003	M551	010
DMA-DPS-32 DIFF. PRESS. ACROSS DMA-FN-32	D295	1627-1	B	N 121	090003	M551	C9
DMA-DPS-52 AIR FAN DIFF PRESS D113 STG RM	D295	CN3002C	R D	N	090001	M551	C4
DMA-EHC-12 HEAT.COIL DISCH.DMA-FN-12 35KV.	B392	S097452327	A D	N 121	109002	M551	C7
DMA-EHC-22 HEAT.COIL DISCH.DMA-FN-22 35KV	B392	S097452327	A D	N 121	109002	M551	C5
DMA-EHC-32 HEAT.COIL DISCH.DMA-FN-32 35KV	B392	S097452327	D D	N 121	109002	M551	C9
DMA-EHC-51 HEAT.COIL INTAKE DMA-AII-51 30KV	B392	X5077321261	R D	N	109003	M551	D4

EPN	MFG DESCRIPTION	MODEL	BLDG ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***				FREQ GID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TH	HL	TEST	ANL FO C			
DMA-H-11	30HP/39A MOTOR FOR DMA-FN-11	W120 TBFC		D B	F	N			213029	M551 67	08 2 A
DMA-H-12	15HP/20A MOTOR FOR DMA-FN-12	W120 TEFC		D B	N	621			213048	M551 67	07 2 A
DMA-H-21	30HP/39A MOTOR FOR DMA-FN-21	W120 TBFC		D B	F	N			213029	M551 67	05 2 A
DMA-H-22	15HP/20A MOTOR FOR DMA-FN-22	W120 TEFC		D B	N	621			213048	M551 67	05 2 A
DMA-H-31	30HP/7A MTR DRIVER DMA-FN-31	W120 TBFC		D B	F	N			213029	M551 67	010 2 A
DMA-H-32	15HP/20A MOTOR FOR DMA-FN-32	W120 TEFC		D B	N	621			213048	M551 67	09 2 A
DMA-H-51	5HP/7A MTR DRIVER DMA-FN-51	W120 SBFC		D B	F	N			213012	M551 67	04 2 A
DMA-HD-11/1	MOTOR OPERATOR DMA-AD-11/1	H260 M445A1000		R N	F	N			221004	M551 67	08 2 A
DMA-HD-11/2	MOTOR OPER FOR DMA-AD-11/2	P129 U80JCA-2		R N	F	N			221007	M551 67	08 2
DMA-HD-12/1	MOTOR OPERATOR DMA-AD-12/1	H260 M445A1000		R N	F	N			221002	M551 67	07 2 A
DMA-HD-12/2	MOTOR OPER FOR DMA-AD-12/2	P129 Y80JCA-2		R N	F	N			221008	M551 67	07 2 A
DMA-HD-21/1	MOTOR OPERATOR DMA-AD-21/1	H260 M445A1000		R N	F	N			221002	M551 67	06 2 A
DMA-HD-21/2	MOTOR OPER FOR DMA-AD-21/2	P129 Y80JCA-2		R N	F	N			221008	M551 67	06 2 A
DMA-HD-22/1	MOTOR OPERATOR DMA-AD-22/1	H260 M445A1000		R N	F	N			221002	M551 67	05 2 A
DMA-HD-22/2	MOTOR OPER FOR DMA-AD-22/2	P129 U80JCA-2		R N	D	N			221007	M551 67	05 2 A
DMA-HD-31/1	MOTOR OPERATOR DMA-AD-31/1	H260 M445A1000		R N	D	N			221002	M551 67	010 2 A
DMA-HD-31/2	MOTOR OPER FOR DMA-AD-31/2	P129 U80JCA-2		R N	D	N			221007	M551 67	010 2 A
DMA-HD-32/1	MOTOR OPERATOR DMA-AD-32/1	H260 M445A1000		R N	D	N			221002	M551 67	09 2 A

EPN	MFG DESCRIPTION	MODEL	BLOG ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***			FREQ OID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TM USE	HL SAFETY	TEST FUNCTION			
DHA-MO-32/2	P129	UBDJCA-2		R.H.	D	N		M551		D9
MOTOR OPER FOR DHA-AD-32/2			D 455	P.5/4.2	4	0	H,J	221007	67	2 A
DHA-MO-51	P135	UBQJCA-2		R.H.	D	N		M551		D4
MOTOR OPERATOR DHA-AD-51			D 441	R.1/9.5	4	0	H,J	221007	67	2 A
DHA-MO-53	B066	MA418		R.D	D	N		M551		B2
MOTOR OPERATOR DHA-AD-53			D 465	K.1/9.5	4	0	H,J	221002	216	2 A
DHA-TE-11/1	V108	601-1D-A-6-C-R-2-1		R.D	D	N		M551		E8
TEMP.ELEMENT INTAKE DHA-AH-11			D 465	0.6/7.3	4	0	J	339007	216	2 A
DHA-TE-11/2	V108	601-1D-A-6-C-R-2-1		R.D	D	N		M551		C8
TEMP.ELEMENT DISCH. DHA-AH-11			D 465	0.6/6.8	4	0	J	339007	216	2 A
DHA-TE-12/1	V108	601-1D-A-6-C-R-2-1		R.D	D	N		M551		E7
TEMP.ELEMENT INTAKE DHA-AH-12			D 462	P.7/7.3	4	0	J	339007	216	2 A
DHA-TE-12/2	V108	601-1D-A-6-C-R-2-1		R.D	D	N		M551		C7
TEMP.ELEMENT DISCH. DHA-AH-12			D 460	P.6/6.8	4	0	J	339007	216	2 A
DHA-TE-21/1	V108	601-1D-A-6-C-R-2-1		R.D	D	N		M551		E6
TEMP.ELEMENT INTAKE DHA-AH-21			D 462	0.6/9.3	4	0	J	339007	216	2 A
DHA-TE-21/2	V108	601-1D-A-6-C-R-2-1		R.D	D	N		M551		C8
TEMP.ELEMENT DISCH. DHA-AH-21			D 460	0.6/8.6	4	0	J	339007	216	2 A
DHA-TE-22/1	V108	601-1D-A-6-C-R-2-1		R.D	D	N		M551		E5
TEMP.ELEMENT INTAKE DHA-AH-22			D 462	P.7/9.3	4	0	H,J	339007	216	2 A
DHA-TE-22/2	V108	601-1D-A-6-C-R-2-1		R.D	D	N		M551		C5
TEMP.ELEMENT DISCH. DHA-AH-22			D 460	P.6/8.6	4	0	J	339007	216	2 A
DHA-TE-31/1	V108	601-1D-A-6-C-R-2-1		R.D	D	N		M551		E10
TEMP.ELEMENT INTAKE DHA-AH-31			D 469	0.5/4.0	4	0	J	339007	216	2 A
DHA-TE-31/2	V108	601-1D-A-6-C-R-2-1		R.D	D	N		M551		C10
TEMP.ELEMENT DISCH. DHA-AH-31			D 460	0.6/4.4	4	0	J	339007	216	2 A
DHA-TE-32/1	V108	601-1D-A-6-C-R-2-1		R.D	D	N		M551		E9
TEMP.ELEMENT INTAKE DHA-AH-32			D 469	P.5/3.9	4	0	J	339007	216	2 A
DHA-TE-32/2	V108	601-1D-A-6-C-R-2-1		R.D	D	N		M551		C9
DHA-FH-32 DISCH. TO DHA-EHC-32 LOC			D 460	P.5/4.4	4	0	J	339007	216	2 A
DO-DPS-3441	S345	9012-AEW-2		T		N		53-00-0022		
DIFF FUEL PRESSURE			D 441	0.1/7.1	4	0	H	090006	53	2 A
DO-DPS-3442	S345	9012-AEW-2		T		N		53-00-0022		
DIFF FUEL PRESSURE			D 441	0.0/9.0	4	0	H	090006	53	2 A
DO-LS-10A	M040	A153-TDH-S1M04		D H		N		M512		D5
DO-TK-11 LS TO P-1A(S&S NO.S34)			D 456	R.4/7	4	0	H	207014	53	2

PROGRAM CIE-SQRT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
UNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00013
DATE 10/01/82

EPN	HFG DESCRIPTION	MODEL	STATUS S E BLOG ELEV DETAIL	***SEISMIC (S) PARAMETERS***			FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
				TM	HL	TEST ANL FO C USE SAFETY FUNCTION			
DO-LS-10B	M040	B153-IDM-S1M04	D H		N		M512		E3
DO-TK-3B LS TO P-1B(S&S NO.S34)			D 451 R.4/9.0	4 0	H		207016 53	2	A
DO-LS-11A	M500	EL-150-K1	A H		R N	.021	M512		E3
DO-TK-3A HI AL LS(S&S NO.S31)			D 445 P.6/7.3	4 0	H		207019 53	2	A
DO-LS-11B	M500	EL-150-K1	A H		R N	.021	M512		E3
DO-TK-3B HI AL LS (S&S NO.S31)			D 445 R.6/9.0	4 0	H		207019 53	2	A
DO-LS-12A	M500	EL-150-K1	A H		R N	.021	M512		E3
DO-TK-3A LW LVL AL SW (S&S NO.S33)			D 445 R.6/7.3	4 0	H		207019 53	2	A
DO-LS-12B	M500	EL-150-K1	A H		R N	.021	M512		E3
DO-TK-3A LW LVL AL SW (S&S NO.S23)			D 445 R.6/9.0	4 0	H		207019 53	2	A
DO-LS-13	M500	EL-150-K1	A D		F H		M512		H6
DO-TK-4 HI AL LS			D 444 R.2/4.0	4 0	H		207019 215	2	A
DO-LS-14	M500	EL-150-K1	A D		F H		M512		H6
DO-TK-4 LW LVL AL SW			D 444 R.5/4.0	4 0	H		207019 215	2	A
DO-LS-21	M040	A153-T M-K-S1M04	R D		F H		M512		H6
LS TO DO-TK-4 CTRL OF DO-P-2			D 448 R.4/4.0	4 0	H		207015 215	2	A
DO-M-1A	M120	75D4078.5	D Q		F N		M512		D2
1.5HP/2.1A MOTOR FOR DO-P-1A			D 437 P.3/3.6	4 0	H		213018 35A	2	A
DO-M-1B	M120	75D4078.5	D		F N		M512		D2
1.5HP/2.1A MOTOR FOR DO-P-1B			D 437 Q.2/3.6	4 0	H		213018 35A	2	A
DO-M-2	M120	75D4078.5	D		F N		M512		H5
1.5HP/2.1A MOTOR FOR DO-P-2			D 437 R.0/3.6	4 0	H		213018 02	2	A
DO-M-3A1	G102	6-213514-01	D H		N		M512		C12
7HP/7A MOTOR DRIVER DO-P-3A1			D 448 Q.0/6.3	4 0	H		213001 53	2	A
DO-M-3A2	G102	6-213514-01	D H		N		M512		C9
7HP/7A MOTOR DRIVER DO-P-3A2			D 448 R.2/6.3	4 0	H		213001 53	2	A
DO-M-3B1	G102	6-213514-01	D H		N		M512		C12
7HP/7A MOTOR DRIVER DO-P-3B1			D 448 Q.0/8.2	4 0	H		213001 53	2	A
DO-M-3B2	G102	6-213514-01	D H		N		M512		C9
7HP/7A MOTOR DRIVER DO-P-3B2			D 448 R.2/8.2	4 0	H		213001 53	2	A
DO-M-6	R165	502674-GX/456H	R D		N		M512		H9
7HP/7A MOTOR DRIVER DO-P-6			D 441 P.6/5	4 0	H		213046 02E22	2	A
DO-PS-1	D069	E11H15V	T D		N		M512		G8
DSL OIL PHP-6 FAIL AL(10 PSI)			D 441 P.6/5	4 0	H		256004 02E22	2	A
DO-PS-2	D069	E11H15V	T D		N		M512		G8
DSL OIL PHP-5 FAIL AL(10 PSI)			D 441 P.6/5	4 0	H		256004 02E22	2	A

EPN	MFG	MODEL	STATUS S E	***SEISMIC (S) PARAMETERS***				FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
				TH	HL	TEST	ANL FO C			
DESCRIPTION		BLOG ELEV	DETAIL	USE	SAFETY	FUNCTION		QID		
DO-PS-3 DSL OIL PRESS INTRLK(20PSI)	B069	E1HM15V	I D	H				M512 256004	02E22	118 2 A
DO-PS-3A1 FUL OIL PHP-3A1 FAIL(26PSI)	S345	9012ACV-21	I	F	M			M512 256015	53	C11 2 A
DO-PS-3A2 FUL OIL PHP-3A2 FAIL(26PSI)	S345	ACV21	I N	M				M512 256015	53	C11 2 A
DO-PS-3B1 FUL OIL PHP-3B1 FAIL(26PSI)	S345	9012ACV-21	I	F	M			M512 256015	53	C11 2 A
DO-PS-3B2 FUL OIL PHP-3B2 FAIL(26PSI)	S345	ACV21	I N	M				M512 256015	53	C9 2 A
DO-PS-61 LOW OIL PRESSURE	S345	9012-ACW-2	I	M				53-00-0020 256015	53	2 A
DO-PS-62 LOW OIL PRESS	S345	9012-ACW-2	I	M				53-00-0020 256015	53	2 A
DO-PS-6A1 LOW OIL PRESSURE	S345	9012-ACW-2	I	M				53-00-0020 256015	53	2 A
DO-PS-6A2 LOW OIL PRESS	S345	9012-ACW-2	I	M				53-00-0020 256015	53	2 A
DO-V-40A 1.5" DAY TANK INLET SOL VALVE	202342			H				M512 53		E3 2 A
DO-V-40B 1.5" DAY TANK INLET SOL VALVE	202342			M				M512 53		E3 2 A
DO-V-43 1.5" SOLEN DAY TANK 3C INLET	202342			H				M512 53		116 2 A
DOA-DPIS-11 DIFF PRESS ACROSS DOA-FL-11/1,2	D295	3002C	R D	F	M			M551 086006	216	ER 2 A
DOA-DPIS-21 DIFF PRESS ACROSS DOA-FL-21/1,2	D295	3002C	R D	F	M			M551 086006	216	E6 2 A
DOA-DPIS-31 DIFF PRESS ACROSS DOA-FL-31/1,2	D295	3002C	R D	F	M			M551 086006	216	E10 2 A
DOA-MO-52 MOTOR OPERATOR FOR DOA-AD-52	B066	MA-418	R D	M	N			M551 221002	216	E4 2 A
DOA-TS-51 OUTSIDE AIR TO DG CABLE CORR	P129	A19EAF-2	R D	M	N			M551 35500A	216	E4 2 A
DSA-M-1A1 15HP/21A MOTOR FOR DSA-C-1A1	G080	5K254AL205	D N	M	N			M512 213006	53	D6 2

PROGRAM CIE-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00015
DATE 10/01/82

EPN	MFG	MODEL	STATUS S E	BLDG ELEV	DETAIL	SEISMIC (S) PARAMETERS TM HL TEST ANL FO C USE SAFETY FUNCTION	FREQ R10	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
DSA-M-1A2	G080	5K254AL205	D H			N		M512	EB
15HP/7A MOTOR FOR DSA-C-1A2			D 441 P.3/7.0			4 0 II	213006	53	2 A
DSA-M-1B1	G080	5K254AL205	D H			N		M512	E6
7HP/7A MOTOR FOR DSA-C-1B1			D 441 P.6/9.2			4 0 H	213006	53	2 A
DSA-M-1B2	G082	5K254AL205	D H			N		M512	ER
7HP/7A MOTOR FOR DSA-C-1B2			D 441 P.6/9.0			4 0 H	213006	53	2 A
DSA-M-1C	L205	GTEFC/184T	R D			N		M512	K6
MOTOR DRIVER FOR DSA-C-1C			D 441 P3/4			4 0 H	213036	02E22	2 A
DSA-PS-19	S345	ACW29	T			N		M512	J6
CHMN PRESS AIR RECVR BK 1C/2C			D 441 P.4/8.8			4 0 H	256015	53	2 A
DSA-PS-1A	S345	ACW29	T H			N		M512	F7
C-1A1,1A2 PS CONT (S&S NO. S38A)			D 444 P.5/7.0			4 0 H	256015	53	2 A
DSA-PS-1D	S345	ACW29	T H			N		M512	F7
C-1D1,1D2 PS CONT (S&S NO. S38A)			D 442 P.4/9.0			4 0 II	256015	53	2 A
DSA-PS-2A	S345	9012ACU-22	T H			N		M512	F7
C-1A1,1A2 PS CONT (S&S NO. S38B)			D 444 P.3/7.0			4 0 H	256015	53	2 A
DSA-PS-2D	S345	9012ACU-22	T H			N		M512	F7
C-1D1,1D2 PS CONT (S&S NO. S38B)			D 444 P.4/9.0			4 0 H	256015	53	2 A
DSA-PS-3A	B069	F1H-H250	D B			F H		M512	K5
DSA-C-1C			D 441 P.2/4.0			4 0 H	256004	02E22	2 A
DSA-PS-35	B609	9013-AH6-3	D B			F H		M512	J5
LOW PRESS START OF DSA-C-2C			D 441 P.6/4.0			4 0 H	256009	02E22	2 A
DSA-PS-3A	S345	ACW29	T H			N		M512	F6
C-1A1,1A2 PS CONT (S&S NO. S38C)			D 444 P.4/7.0			4 0 H	256015	53	2 A
DSA-PS-3B	S345	ACW29	T H			N		M512	F6
C-1B1,1B2 PS CONT (S&S NO. S38C)			D 444 P.4/8.8			4 0 H	256015	53	2 A
DSA-PS-4A	S345	ACU22	T H			N		M512	F6
C-1A1,1A2 PS CONT (S&S NO. S38D)			D 444 P.3/7.0			4 0 H	256015	53	2 A
DSA-PS-4B	S345	ACW22	T H			N		M512	F6
C-1B1,1B2 PS CONT (S&S NO. S38D)			D 444 P.4/9.0			4 0 H	256015	53	2 A
DSA-RMS-RSTART2						N		53-00-0046	
REMOTE START SW FOR DSA-C-1B2			D 441 0.1/9.0			4 0 H	53		2 A
DSA-RMS-RSTOP/2						N		53-00-0046	
REMOTE STOP SWITCH FOR DSA-C-1B2			D 441 0.1/9.0			4 0 II	53		2 A
DSA-RMS-S46/DC1	G080					N		53-00-0046	
LOAD-LAG CONTROL SW FOR DSA-C-1A1			D 441 0.1/9.0			4 0 II	53		2 A

PROGRAM CJE-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00016
DATE 10/01/82

EPN	HFG	MODEL	STATUS S E	***SEISMIC (S) PARAMETERS***				A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
				TM	HL	TEST	ANL FO C		
DESCRIPTION		BLOG ELEV	DETAIL	USE	SAFETY	FUNCTION	Q10		
DSA-RHS-S55A/D1					N			53-00-0046	
LOCAL START SWITCH FOR DSA-C-1A2		D 441 Q.0/9.0		4 0	H			53	2 A
DSA-RHS-S55A/D2					N			53-00-0046	
LOCAL START SWITCH FOR DSA-C-1B2		D 441 Q.0/9.0		4 0	H			53	2 A
DSA-S-L5/DG1	S519	SDA	D		N			53-00-0046	
STOP ENGINE CONTROL DG1		D 441 P.0/7.0		4 0	H		300001	53	2 A
E-42-2ASPAR	1005	TYPE "G"	A		N	625		E503/11	
SPARE BRKR DISC		W 525 K.2/11.3		0 0	H		392001	49	2 A
E-42-2BSPAR	1005	TYPE "A"	A		N	625		E503/11	
NEHA 1 SPARE MOTOR STR		W 525 K.2/11.3		0 0	H		392001	49	2 A
E-42-3ASPAR	1005	TYPE G	A		N	625			
SPARE DISC		W 525 H.4/11.0		0 0	H		392001	49	2 A
E-42-5ASPAR	1005	TYPE "G"	A		N	625			
SPARE DISC CUB. 5AR		D 441 Q.3/6.8		0 0	H		392001	49	2 A
E-42-6ASPAR	1005	TYPE G	A		N	625			
SPARE DISC CUB 6AR		D 441 Q.3/6.8		0 0	H		392001	49	2 A
E-42-6DLSAR	1005	TYPE A	A		N	625			
SPARE STARTER		W 467 L.9/10.0		0 0	H		392001	49	2 A
E-42-7A/1BSPAR	1005	TYPE "A"	A		N	625		E503/6	C6
NEHA 1 MOTOR STARTER SPARE		W 467 K/10		0 0			392001	49	2 A
E-42-7A/1CSPAR	1005	TYPE A	A		N	625		E503/6	
NEHA 1 SPARE MTR STR		W 467 J.8/10.2		0 0	H		392001	49	2 A
E-42-7A/2DSPAR	1005	TYPE D	A		N	625		E503/6	
NEHA 1 SPARE MOTOR STARTER		W 467 J.8/10.2		0 0	H		392001	49	2 A
E-42-7A/4BL/SPA	1005	TYPE A	A		N	625		E503/9	
SPARE DISC TO 4BL		W 467 K.0/10.0		0 0	H		392001	49	2 A
E-42-7A/1B7AC	1005	TYPE "G"	A		N	625		E503/6	C6
DISC TO TRANSF 7A-C		W 467 K.0/10.0		4 3	H		392001	49	2 A
E-42-7AA/3ESPAR	1005	TYPE A	A		N	625		E503/9	
NEHA 3 SPARE MOTOR STARTER		D 441 Q.3/6.8		0 0	H		392001	49	2 A
E-42-7AA/4BSPAR	1005	TYPE A	A		N	625		E503/9	G7
NEHA 2 SPARE MOTOR STARTER		D 441 Q.3/6.8		0 0			392001	49	2 A
E-42-7AA/6DSPAR	1005	TYPE A	A		N	625		E503/9	G3
NEHA 2 SPARE MOTOR STARTER		D 441 Q.3/6.8		0 0			392001	49	2 A
E-42-7AA/7ESPAR	1005	TYPE A	A		N	625		E503/9	G3
		D 441 Q.3/6.8		0 0			392001	49	2 A

EPN	MFG DESCRIPTION	MODEL	BLOG	ELEV	STATUS S E DETAIL	TH USE	HL SAFETY FUNCTION	TEST ANL	FO C	FREQ QID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
E-42-7F/1ESPA	1005	TYPE A*			A		N	625			E503/11	K11
NEHA 1 SPARE MOTOR STARTER			W	525	H.4/11.0	0	0			392001	49	2 A
E-42-7F/3DSPARE	1005	TYPE A			A		N	625			E503/11	K11
NEHA 2 SPARE MOTOR STARTER			W	525	H.4/11.0	0	0	II		392001	49	2 A
E-42-8A/2CSPARE	1005	TYPE A*			A		N	625			E503/6	C12
NEHA 1 SPARE MOTOR STARTER			W	467	L.9/10	0	0			392001	49	2 A
E-42-8A/3DSPARE	1005	TYPE D			A		N	625			E503/6	L12
NEHA 1 SPARE MOTOR STARTER			W	467	K.9/10.3	0	0			392001	49	2 A
E-42-8AA/2ESPAR	1005	TYPE A			A		N	625			E503/9	E12
NEHA 3 SPARE MOTOR STARTER			D	441	0.2/8.6	0	0			392001	49	2 A
E-42-8AA/6DSPAR	1005	TYPE A			A		N	625			E503/9	E6
NEHA 1 SPARE MOTOR STARTER			D	441	0.2/8.6	0	0			392001	49	2 A
E-42-8AA/6DSPAR	1005	TYPE A			A		N	625			E503/9	E13
NEHA 2 SPARE MOTOR STARTER			D	441	0.2/8.6	0	0			392001	49	2 A
E-42-8F/2DSPARE	1005	TYPE A*			A		N	625			E503/11	G12
NEHA 1 SPARE MOTOR STARTER			W	525	K.3/11.8	0	0			392001	49	2 A
E-42-8FPMRRCPT	1005	TYPE *G*			A		N	625			E503/11	
DISC TO PMR RECEPTACLES			W	525	K.2/11.3	0	0	II		392001	49	2
E-42-ALTXHFTR/B	1005	TYPE G			A		N	625			E503/9	G6
ALT. BACKUP TRANSF. TR-B			D	441	0.4/6.3	4	0	II		392001	49	2 A
E-42-C1/1	1005	TYPE G			A		N	625			E503/6	F6
BATT. CHARGER C1-1			W	467	K.0/10.0	4	3	II		392001	49	2 A
E-42-C12	1005	TYPE G			A		N	625			E503/6	
DISC TO BATTERY CHARGE C1-2			W	467	L.9/10.0	4	3	H		392001	49	2 A
E-42-C2/1	1005	TYPE *G*			A		N	625			E503/6	C7
DISC TO BATT CHARGER C2-1			W	467	J.8/10.2	4	3	H		392001	49	2 A
E-42-CAC/V11	1005	TYPE *H*			A		N	625			E505	
NEHA 1 MOTOR STARTER FOR CAC-V-11			W	467	H.9/10.5	4	0	D		392001	49	2 A
E-42-CAC/V13	1005	TYPE *H*			A		N	625			E505	
NEHA 1 MOTOR STARTER FOR CAC-V-13			W	467	H.9/10.5	4	0	D		392001	49	2 A
E-42-CAC/V15	1005	TYPE *H*			A		N	625			E505	
NEHA 1 MOTOR STARTER FOR CAC-V-15			W	467	H.9/10.5	4	0	D		392001	49	2 A
E-42-CAC/V17	1005	TYPE *H*			A		N	625			E505	
NEHA 1 MOTOR STARTER FOR CAC-V-17			W	467	H.9/10.5	4	0	D		392001	49	2 A
E-42-CAC/V2	1005	TYPE H			A		N	625			E505	
NEHA 1 MOTOR STARTER FOR CAC-V-2			W	467	H.9/10.5	4	3	II		392001	49	2 A

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WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00018
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EPN	MFG	MODEL	STATUS S E	***SEISMIC (S) PARAMETERS*** TH HL TEST ANL FO C	FREQ	A/E DRAWING	A/E ZONE
DESCRIPTION		LOG ELEV	DETAIL	USE SAFETY FUNCTION	OID	CONTRACT	LEVEL EC
E-42-CAC/V4	1005	TYPE H	A	H 625	E505		
NEMA 1 MOTOR STARTER FOR CAC-V-4		W 467 H.9/10.5	4 3	H	392001 49	2	A
E-42-CAC/V6	1005	TYPE H	A	H 625	E505		
NEMA 1 MOTOR STARTER FOR CAC-V-6		W 467 H.9/10.5	4 3	H	392001 49	2	A
E-42-CAC/V8	1005	TYPE H	A	H 625	E505		
NEMA 1 MOTOR STARTER FOR CAC-V-8		W 467 H.9/10.5	4 3	H	392001 49	2	A
E-42-CAS/1A	1005	TYPE A	A	H 625	E503/6		
MOTOR STARTER FOR CAS-C-1A NEMA 4		W 467 K.0/10.0	4 3	H	392001 49	2	A
E-42-CAS/1B	1005	TYPE A	A	H 625	E503/6		
NEMA4 MTR STR CAS-C-1B		W 467 L.9/10.0	4 3	H	392001 49	2	A
E-42-CASDY1A1B	1005	TYPE G	A	H 625	E503/6		
DISC TO CAS-DY-1A & 1B		W 467 L.9/10.0	4 0	H	392001 49	2	A
E-42-DEA/FN11	1005	TYPE A	A	H 625	E503/9		
NEMA 3 MOTOR STARTER FOR DEA-FN-11		D 441 Q.4/6.3	4 3	J	392001 49	2	A
E-42-DEA/FN12	1005	TYPE A	A	H 625	E503/9		
NEMA1 MTR STR DEA-FN-12		D 441 Q.3/6.8	4 3	H	392001 49	2	A
E-42-DEA/FN13	1005	TYPE A	A	H 625	E503/9		
NEMA 1 MOTOR STARTER FOR DEA-FN-13		D 441 P.4/6.3	4 3	J	392001 49	2	A
E-42-DEA/FN21	1005	TYPE A	A	H 625	E503/9		
NEMA 3 MOTOR STARTER FOR DEA-FN-21		D 441 Q.2/8.6	4 3	J	392001 49	2	A
E-42-DEA/FN22	1005	TYPE A	A	H 625	E503/9		
NEMA1 MTR STR DEA-FN-22		D 441 Q.3/6.8	4 3	H	392001 49	2	A
E-42-DEA/FN23	1005	TYPE A	A	H 625	E503/9		
NEMA 1 MOTOR STARTER FOR DEA-FN-23		D 441 Q.2/8.6	4 3	J	392001 49	2	A
E-42-DEA/FN51	1005	TYPE A	A	H 625	E503/9		
NEMA1 MTR STR DEA-FN-51		D 441 Q.3/6.8	4 0	H	392001 49	2	A
E-42-DEA/FN52	1005	TYPE A	A	H 625	E503/9		
NEMA 1 MOTOR STARTER FOR DEA-FN-52		D 441 Q.4/6.3	4 3	J	392001 49	2	A
E-42-DG/H1A1	1005	TYPE A2	A	H 625	E503/9		
NEMA2 MTR STR DG-II-1A1		D 441 Q.3/6.8	4 0	H	392001 49	2	A
E-42-DG/H1A2	1005	TYPE A2	A	H 625	E503/9		
NEMA2 MTR STR DG-II-1A2		D 441 Q.3/6.8	4 0	H	392001 49	2	A
E-42-DLO/P2A1	1005	TYPE A	A	H 625	E505		
NEMA 1 MOTOR STARTER FOR DLO-P-2A1		W 467 H.9/10.5	4 0	H	392001 49	2	A
E-42-DLO/P2A2	1005	TYPE A	A	H 625	E505		
NEMA 1 MOTOR STARTER FOR DLO-P-2A2		W 467 H.9/10.5	4 0	H	392001 49	2	A

EPN	MFG DESCRIPTION	MODEL	STATUS S E	BLDG ELEV	***SEISMIC (S) PARAMETERS***				FREQ QID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TH	HL	TEST	ANL FO C			
					USE		SAFETY	FUNCTION			
E-42-DLO/P2B1	1005 TYPE *E*		A		N	625				E505	
NEHA 1 MOTOR STARTER FOR DLO-P-2B1		W 467	H.9/10.5		4	0	H		392001	49	2 A
E-42-DLO/P2B2	1005 TYPE *E*		A		N	625				E505	
NEHA 1 MOTOR STARTER FOR DLO-P-2B2		W 467	H.9/10.5		4	0	H		392001	49	2 A
E-42-DLO/P3A1	1005 TYPE A		A		N	625				E503/9	
NEHA1 MTR STR DLO-P-3A1		D 441	0.3/6.8		4	0	H		392001	49	2 A
E-42-DLO/P3A2	1005 TYPE *A*		A		N	625				E503/9	
NEHA 1 MOTOR STARTER DLO-P-3A2		D 441	0.4/6.3		4	0	H		392001	49	2 A
E-42-DLO/P3B1	1005 TYPE A		A		N	625				E503/9	
NEHA1 MTR STR DLO-P-3B1		D 441	0.3/6.8		4	0	H		392001	49	2 A
E-42-DLO/P3B2	1005 TYPE *A*		A		N	625				E503/9	
NEHA 1 MOTOR STARTER FOR DLO-P-3B2		D 441	0.2/8.6		4	0	H		392001	49	2 A
E-42-DMA/EHC51	1005 TYPE *G*		A		N	625				E503/9	
DISC FOR DMA-EHC-51		D 441	0.2/8.6		4	3	J		392001	49	2 A
E-42-DMA/FN11	1005 TYPE *A*		A		N	625				E503/9	
NEHA 3 MOTOR STARTER FOR DMA-FN-11		D 441	0.4/6.3		4	3	J		392001	49	2 A
E-42-DMA/FN12	1005 TYPE *A*		A		N	625				E503/9	
NEHA 2 MOTOR STARTER FOR DMA-FN-12		D 441	0.4/6.3		4	3	J		392001	49	2 A
E-42-DMA/FN21	1005 TYPE A		A		N	625				E503/9	
NEHA3 MTR STR DMA-FN-21		D 441	0.3/6.8		4	0	H		392001	49	2 A
E-42-DMA/FN22	1005 TYPE *A*		A		N	625				E503/9	
NEHA 1 MOTOR STARTER FOR DMA-FN-22		D 441	0.2/8.6		4	3	J		392001	49	2 A
E-42-DMA/FN51	1005 TYPE A		A		N	625				E503/9	
NEHA1 MTR STR DMA-FN-51		D 441	0.3/6.8		4	0	H		392001	49	2 A
E-42-DMAEHC12	1005 TYPE *G*		A		N	625				E503/9	
DISC TO DMA-EHC-12		D 441	0.3/6.8		4	0	H		392001	49	2 A
E-42-DMAEHC22	1005 TYPE G		A		N	625				E503/9	
DISC TO DMA-EHC-22		D 441	0.3/6.8		4	3	H		392001	49	2 A
E-42-DMAEHC32	1005 TYPE *G*		A		N	625				E503/9	
DISC TO DMA-EHC-32		D 441	0.3/6.8		4	0	H		392001	49	2 A
E-42-DO/P1A	1005 TYPE A		A		N	625				E503/9	
NEHA1 MTR STR DO-P-1A		D 441	0.3/6.8		4	0	H		392001	49	2 A
E-42-DO/P3A1	1005 TYPE *E*		A		N	625				E505	
NEHA 1 MOTOR STARTER FOR DO-P-3A1		W 467	H.9/10.5		4	0	H		392001	49	2 A
E-42-DO/P3A2	1005 TYPE *E*		A		N	625				E505	
NEHA 1 MOTOR STARTER FOR DO-P-3A2		W 467	H.9/10.5		4	0	H		392001	49	2 A

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WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WHP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00020
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EPH	MFG DESCRIPTION	MODEL	STATUS S E BLOG ELEV DETAIL	***SEISMIC (S) PARAMETERS***			FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
				TH	HL	TEST ANL FO C USE SAFETY FUNCTION			
E-42-DD/P3B1	1005 TYPE *E*		A	N	625		E505		
NEHA 1 MOTOR STARTER FOR DD-P-3B1		W 467	11.9/10.5	4 0	II		392001 49	2	A
E-42-DD/P3B2	1005 TYPE *E*		A	N	625		E505		
NEHA 1 MOTOR STARTER FOR DD-P-3B2		W 467	11.9/10.5	4 0	II		392001 49	2	A
E-42-DRA/EUH11	1005 TYPE *G*		A	N	625		E503/9		
DISC FOR DRA-EUH-11		D 441	0.4/6.3	4 3	J		392001 49	2	A
E-42-DRA/EUH33	1005 TYPE *G*		A	N	625		E503/9		
DISC FOR DRA-EUH-33		D 441	0.2/8.6	4 3	J		392001 49	2	A
E-42-DRA/FN34	1005 TYPE A		A	N	625		E503/9		
NEHA1 MTR STR DRA-FN-34		D 441	0.3/6.8	4 0	H		392001 49	2	A
E-42-DRA/EUH21	1005 TYPE G		A	N	625		E503/9		
DISC TO DRA-EUH-21		D 442	0.3/6.8	4 3	H		392001 49	2	A
E-42-DRA/EUH32	1005 TYPE *G*		A	N	625		E503/9		
DISC TO DRA-EUH-32		D 441	0.3/6.8	4 0	II		392001 49	2	A
E-42-DSA/C1A1	1005 TYPE A		A	N	625		E503/9		
NEHA2 MTR STR DSA-C-1A1		D 441	0.3/6.8	4 0	II		392001 49	2	A
E-42-DSA/C1A2	1005 TYPE *A*		A	N	625		E503/9		
NEHA 2 MOTOR STARTER FOR DSA-C-1A2		D 441	0.4/6.3	4 0	H		392001 49	2	A
E-42-DSA/C1B1	1005 TYPE A		A	N	625		E503/9		
NEHA2 MTR STR DSA-C-1B1		D 441	0.3/6.8	4 0	H		392001 49	2	A
E-42-DSA/C1B2	1005 TYPE *A*		A	N	625		E503/9		
NEHA 2 MOTOR STARTER FOR DSA-C-1B2		D 441	0.2/8.6	4 0	H		392001 49	2	A
E-42-ELP/8AA	1005 TYPE G		A	N	625		E503/9		E11
DISC TO ELP 8AA		D 441	0.3/6.8	4 3	II		392001 49	2	A
E-42-ELP/8AB	1005 TYPE G		A	N	625		E503/6		C14
DISC TO ELP 8A-B		W 467	L.9/10.0	4 3	H		392001 49	2	A
E-42-ELP/SSD	1005 TYPE G		A	N	625		E503/6		C9
DISC TO ELP SSD		W 467	L.9/10.0	4 3	II		392001 49	2	A
E-42-ELP7AA	1005 TYPE G		A	N	625		E503/6		C9
DISC TO ELP-7AA		D 441	0.3/6.8	4 0	II		392001 49	2	A
E-42-ELP7AB	1005 TYPE *G*		A	N	625		E503/6		C9
DISC TO ELP-7AB		W 467	K.0/10.0	4 0	II		392001 49	2	A
E-42-ELPSSA	1005 TYPE *G*		A	N	625		E503/6		C9
DISC TO ELP-SSA		W 467	K.0/10.0	4 0	II		392001 49	2	A
E-42-IN1	1005 TYPE G		A	N	625		E503/6		C9
DISC TO IN1		W 525	11.4/10.0	4 3	II		392001 49	2	A

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WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00021
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EPN	MFG	MODEL	DESCRIPTION	HLOG KEY	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***			FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
						TM	HL	TEST ANL FO C USE SAFETY FUNCTION			
E-42-METUR	1005	TYPE G	DISC TO METEOROLOGICAL TOWER	W 467 L.9/10.0	A	N	625	4 3 II	392001	49	2 A
E-42-HS/V19	1005	TYPE H	NEHA 1 MOTOR STARTER FOR HS-V-19	W 467 H.9/10.5	A	N	625	4 3 H	392001	49	2 A
E-42-MT/CRA6B	1005	TYPE G	DISC TO MT-CRA-6B	W 467 L.9/10.0	A	N	625	4 0 II	392001	49	2 A
E-42-POA/FN2B	1005	TYPE A	NEHA1 MTR STR POA-FN-2B	D 441 0.3/6.8	A	N	625	4 3 H	392001	49	2 A
E-42-PP/7FA	1005	TYPE G	DISC TO POWER PNL 7FA	W 525 H.4/11.0	A	N	625	4 3 II	392001	49	2 A
E-42-PP/DF/A	1005	TYPE "G"	DISC TO POWER PNL RP-A	W 525 K.2/11.3	A	N	625	4 3 II	392001	49	2 A
E-42-PP7A	1005	TYPE "G"	DISC TO CRITICAL PNL E-PP-7A	W 467 K.0/10.0	A	N	625	4 3 II	392001	49	2 A
E-42-PP7AAA	1005	TYPE G	DISC TO POWER PNC 7-A-A-A	D 441 0.3/6.8	A	N	625	4 3 II	392001	49	2 A
E-42-PP7AB	1005	TYPE "G"	DISC TO POWER PNL E-PP-7AB	W 467 K.0/10.0	A	N	625	4 3 H	392001	49	2 A
E-42-PP8AAA	1005	TYPE G	DISC TO PP8-A-A-A	D 441 0.3/6.8	A	N	625	4 3 H	392001	49	2 A
E-42-PP8AD	1005	TYPE G	DISC TO POWER PNL 8AB	W 467 L.9/10.0	A	N	625	4 0 II	392001	49	2 A
E-42-PRA/FUH2B	1005	TYPE "G"	DISC FOR PRA-EUH-2B	D 441 0.2/8.6	A	N	625	4 3 J	392001	49	2 A
E-42-PRA/EUH3D	1005	TYPE "G"	DISC FOR PRA-EUH-3D	D 441 0.2/8.6	A	N	625	4 3 J	392001	49	2 A
E-42-PRA/FN1A	1005	TYPE "A"	NEHA 1 MOTOR STARTER FOR PRA-FN-1A	D 441 0.4/6.3	A	N	625	4 3 J	392001	49	2 A
E-42-PRA/FN1B	1005	TYPE "A"	NEHA 1 MOTOR STARTER FOR PRA-FN-1B	D 441 0.2/8.6	A	N	625	4 3 J	392001	49	2 A
E-42-PRA/EUH1A	1005	TYPE "G"	DISC TO PRA-EUH-1A	D 441 0.3/6.8	A	N	625	4 3 II	392001	49	2 A
E-42-PRA/EUH1B	1005	TYPE G	DISC TO PRA-EUH-1B	D 441 0.3/6.8	A	N	625	4 3 II	392001	49	2 A
E-42-PRA/EUH2A	1005	TYPE "G"	DISC TO PRA-EUH-2A	D 441 0.3/6.8	A	N	625	4 3 II	392001	49	2 A

EPN	MFG	MODEL	BLDG. ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***			FREQ QID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TM	HL	TEST ANL FO C USE SAFETY FUNCTION			
E-42-PRAEUH31 DISC TO PRA-EUH-31	1005	TYPE G	A	D 441 0.3/6.8	4 3	H	625	392001	49	2 A
E-42-PRAEUH3A DISC TO PRA-EUH-3A	1005	TYPE G	A	D 441 0.3/6.8	4 3	H	625	392001	49	2 A
E-42-PWRRCP DISC TO POWER RECEP	1005	TYPE G	A	D 441 0.3/6.8	4 3	H	625	392001	49	2 A
E-42-PWRRCP DISC TO POWER RCPT	1005	TYPE G	A	W 467 K.0/10.0	4 0	H	625	392001	49	2 A
E-42-RCC/V6 NEMA 1 MOTOR STARTER FOR RCC-V-6	1005	TYPE H	A	W 467 H.9/10.5	1 3	H	625	392001	49	2 A
E-42-RCIC/V10 NEMA 1 MOTOR STARTER FOR RCIC-V-10	1005	TYPE H	A	W 467 H.9/10.5	4 1	C	625	392001	49	2 A
E-42-RCIC/V110 NEMA 1 MOTOR STARTER FOR RCIC-V-110	1005	TYPE H	A	W 467 H.9/10.5	4 1	C	625	392001	49	2 A
E-42-RCIC/V113 NEMA 1 MOTOR STR FOR RCIC-V-113	1005	TYPE H	A	W 467 H.9/10.5	4 1	C	625	392001	49	2 A
E-42-RCIC/V31 NEMA 1 MOTOR STARTER FOR RCIC-V-31	1005	TYPE H	A	W 467 H.9/10.5	4 1	C	625	392001	49	2 A
E-42-RCIC/V46 NEMA 1 MOTOR STARTER FOR RCIC-V-46	1005	TYPE H	A	W 467 H.9/10.5	4 1	C	625	392001	49	2 A
E-42-RCIC/V68 NEMA 1 MOTOR STARTER FOR RCIC-V-68	1005	TYPE H	A	W 467 H.9/10.5	4 1	C	625	392001	49	2 A
E-42-RCIC/V8 NEMA 1 MOTOR STARTER FOR RCIC-V-8	1005	TYPE H	A	W 467 H.9/10.5	4 1	C	625	392001	49	2 A
E-42-RHR/V40 NEMA 1 MOTOR STARTER FOR RHR-V-40	1005	TYPE H	A	W 467 H.9/10.5	2 0	B2	625	392001	49	2 A
E-42-RPSBUSAHG1 DISC TO RPSBUSA HG-1	1005	TYPE G	A	W 467 K.0/10.0	4 3	H	625	392001	49	2 A
E-42-RPSBUSBMG2 DISC TO RPS BUSDNG-2	1005	TYPE G	A	W 467 L.9/10.0	4 0	H	625	392001	49	2 A
E-42-SW/V12A NEMA 1 MOTOR STARTER FOR SW-V-12A	1005	TYPE D	A	W 467 K/10	4 3	C	625	392001	49	2 A
E-42-SW/V12B NEMA 1 MOTOR STARTER FOR SW-V-12B	1005	TYPE D	A	W 467 L.9/10.0	4 3	C	625	392001	49	2 A
E-42-SW/V2A NEMA 1 MOTOR STARTER FOR SW-V-2A	1005	TYPE D	A	W 467 K/10	4 3	C	625	392001	49	2 A

EPN	MFG DESCRIPTION	MODEL	STATUS S E DLOG ELEV	DETAIL	***SEISMIC (S) PARAMETERS***			FREQ QID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TH HL TEST ANL FO C USE SAFETY FUNCTION					
E-42-SW/V2B	1005 TYPE D		A	N 625				E503/6		
NEHA 1 MOTOR STARTER FOR SU-V-2B		W 467 L9/10.0	4 3	C			392001	49	2	A
E-42-SW/V4A	1005 TYPE D		A	N 625				E503/9		
NEHA 1 MOTOR STARTER FOR SU-V-4A		D 441 Q3/6.8	4 0	C			392001	49	2	A
E-42-SW/V4D	1005 TYPE D		A	N 625				E503/9		
NEHA 1 MOTOR STARTER FOR SU-V-4B		D 441 Q3/6.8	4 0	C			392001	49	2	A
E-42-SW/V69A	1005 TYPE D		A	N 625				E503/6		
NEHA 1 MOTOR STARTER FOR SU-V-69A		W 467 K/10	4 3	C			392001	49	2	A
E-42-SW/V69B	1005 TYPE D		A	N 625				E503/6		
NEHA 1 MOTOR STARTER FOR SU-V-69B		W 467 L9/10	4 3	C			392001	49	2	A
E-42-SW/V70A	1005 TYPE D		A	N 625				E503/6		
NEHA 1 MOTOR STARTER FOR SU-V-70A		W 467 L9/10	4 3	C			392001	49	2	A
E-42-SW/V70B	1005 TYPE D		A	N 625				E503/6		
NEHA 1 MOTOR STARTER FOR SU-V-70B		W 467 K/10	4 3	C			392001	49	2	A
E-42-SW/V90	1005 TYPE D		A	N 625				E503/9		
NEHA 1 MOTOR STARTER FOR SU-V-90		D 441 Q3/6.8	4 0	C			392001	49	2	A
E-42-TEA/FN3A	1005 TYPE *A*		A	N 625				E503/9		E8
NEHA 1 MOTOR STARTER FOR TEA-FN-3A		D 441 Q.4/6.3	4 3	H			392001	45	2	A
E-42-TEA/FN3B	1005 TYPE A		A	N 625				E503/9		
NEHA 1 MOTOR STARTER FOR TEA-FN-3B		D 441 Q.3/6.8	4 3	J			392001	49	2	A
E-42-TRRA	1005 TYPE G		A	N 625						
DISC TO XFMR TRRA		W 467 L.9/10.0	4 3	H			392001	49	2	A
E-42-TRB/COOL	1005 TYPE G		A	N 625				E503/9		E6
DISC TO TRB COOL AUX		D 441 Q.3/6.8	4 3	H			392001	49	2	A
E-42-WEA/FN53A	1005 TYPE *A*		A	N 625				E503/11		
NEHA 1 MOTOR STARTER WEA-FN-53A		W 525 H.4/11.0	4 3	J			392001	49	2	A
E-42-WEA/FN53B	1005 TYPE *A*		A	N 625				E503/11		
NEHA 1 MOTOR STARTER WEA-FN-53B		W 525 K.3/11.8	4 3	J			392001	49	2	A
E-42-WHA/ENC52B	1005 TYPE *G*		A	N 625				E503/11		
DISC TO WHA-ENC-52B		W 525 K.2/11.3	4 3	H			392001	49	2	A
E-42-WHA/ENC51A	1005 TYPE *G*		A	N 625				E503/11		
DISC FOR WHA-ENC-51A		W 525 H.4/10.9	4 3	J			392001	49	2	A
E-42-WHA/ENC51B	1005 TYPE G		A	N 625				E503/11		
DISC TO WHA-ENC-51B		W 525 K.2/11.3	4 3	H			392001	49	2	A
E-42-WHA/ENC52A	1005 TYPE *G*		A	N 625				E503/11		
DISC FOR WHA-ENC-52A		W 525 H.4/10.9	4 3	J			392001	49	2	A

EPN	MFG DESCRIPTION	MODEL	BLDG ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***					FREQ QID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TM	HL	TEST	ANL	FO C			
					USE		SAFETY	FUNCTION				
E-42-WMA/ENC52B	1005 TYPE G			A	H	625				E503/11		
DISC TO WMA-ENC-52B			W 525 K.2/11.3	4 3	H					392001 49	2	A
E-42-WMA/ENC53A	1005 TYPE G			A	H	625				E503/11		
DISC TO WMA-ENC-53A			W 525 H.4/11.0	4 3	H					392001 49	2	A
E-42-WMA/EN51A	1005 TYPE "A1"			A	H	625				E503/11		
NEMA 1 MOTOR STARTER WMA-FN-51A			W 525 H.4/11.0	4 3	J					392001 49	2	A
E-42-WMA/FN51D	1005 TYPE "A1"			A	H	625				E503/11		
NEMA 5 MOTOR STR FOR WMA-FN-51B			W 525 K.3/11.8	4 3	J					392001 49	2	A
E-42-WMA/FN52A	1005 TYPE "A1"			A	H	625				E503/11		
NEMA2 MOTOR STARTER FOR WMA-FN-52A			W 525 H.4/11.0	4 3	J					392001 49	2	A
E-42-WMA/FN52B	1005 TYPE "A1"			A	H	625				E503/11		
NEMA 2 MOTOR STARTER FOR WMA-FN52B			W 525 K.3/11.8	4 3	J					392001 49	2	A
E-42-WMA/EN53A	1005 TYPE "A1"			A	H	625				E503/11		
NEMA 3 MOTOR STR FOR WMA-FN-53A			W 525 H.4/11.0	4 3	J					392001 49	2	A
E-42-WMA/FN53B	1005 TYPE "A1"			A	H	625				E503/11		
NEMA 3 MOTOR STARTER WMA-FN-53B			W 525 K.3/11.8	4 3	J					392001 49	2	A
E-42-WMA/FN54A	1005 TYPE "A1"			A	H	625				E503/11		
NEMA 1 MOTOR STR FOR WMA-FN-54A			W 525 H.4/11.0	4 3	J					392001 49	2	A
E-42-WMA/FN54B	1005 TYPE "A1"			A	H	625				E503/11		
NEMA 1 MOTOR STARTER FOR WMA-FN54B			W 525 K.3/11.8	4 3	J					392001 49	2	A
E-42-WMAHU55A	1005 TYPE "A2"			A	H	625				E503/11		
NEMA 2 MOTOR STARTER TO WMA-HU-55A			W 525 H.4/11.0	4 3	H					392001 49	2	A
E-42-WMAHU55B	1005 TYPE "A2"			A	H	625				E503/11		
NEMA 2 MTR STRTR TO WMA-HU-55B			W 525 K.2/11.3	4 3	H					392001 49	2	A
E-42-WOAENC54A	1005 TYPE G			A	H	625				E503/11		
DISC TO WOA-ENC-54A			W 525 H.4/11.0	4 3	H					392001 49	2	A
E-42-WOAENC54B	1005 TYPE "G"			A	H	625				E503/11		
DISC TO WOA-ENC-54B			W 525 K.2/11.3	4 3	H					392001 49	2	A
E-42-WRA/AC51	1005 TYPE G			A	H	625				E503/11		
DISC TO WRA-AC-51			W 525 H.4/11.0	4 3	H					392001 49	2	A
E-42-WRA/ENC52	1005 TYPE "G"			A	H	625				E503/11		
DISC FOR WRA-ENC-52			W 525 K.3/11.8	4 3	J					392001 49	2	A
E-42-WRAAC52	1005 TYPE "G"			A	H	625				E503/11		
DISC TO WRA-AC-52			W 525 K.2/11.3	4 3	H					392001 49	2	A
E-42-WRAENC51	1005 TYPE G			A	H	625				E503/11		
DISC TO WRA-ENC-51			W 525 H.4/11.0	4 3	H					392001 49	2	A

EPN	MFG	MODEL	STATUS S E	***SEISMIC (S) PARAMETERS***				FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
				TH	HL	TEST	ANL FO C			
DESCRIPTION		BLOG ELEV	DETAIL	USE	SAFETY	FUNCTION	OID			
E-B0-1A 24V BATTERY 1A	E355	3CC-7	A	F	H	127	09	E505	H6	
			W 467 H4/12.2	4	0	H	030001	51A	2	A
E-B0-1B 24V BATTERY 1B	E355	3CC-7	A	F	H	127	09	E505	H5	
			W 467 H4/12.2	4	0	H	030001	51A	2	A
E-B0-2A 24V BATTERY 2A	E355	3CC-7	A	F	H	127	09	E505	H3	
			W 467 L6/10.8	4	0	H	030001	51A	2	A
E-B0-2B 24V BATTERY 2B	E355	3CC-7	A	F	H	127	09	E505	H4	
			W 467 L6/10.8	4	0	H	030001	51A	2	A
E-B1-1 125 V BATTERY B1-1	E355	76193	A.D	F	H	127	09	E505	E14	
			W 467 H6/12.	4	3	H	031002	51A	2	A
E-B1-2 125 V BATTERY B1-2	E355	76193	A.D	F	H	127	09	E505	E8	
			W 467 L6/12	4	3	H	031002	51A	2	A
E-B1-HPCS HPCS 125V BATTERY	C173	3-DCU9	A.D	F	H	125	05	E505	F5	
			D 441 R1/4.3	4	0	H	031001	02E22	2	A
E-B2-1 250 V BATTERY B2-1	E355	76199	A.D	F	H	127	09	E505	K14	
			W 467 H4/12	4	3	H	032001	51A	2	A
E-BD-P601+ REACTOR CORE COOLING BENCHBOARD	G080	H13P601	A.A	F	H	121	19	E775	E10	
			W 501 L/13	4	0	H	025101	2	1	A
E-BD-P602+ RUCU BENCHBOARD	G080	H13P602	A.A	F	H	21	03	E775	D10	
			W 501 L/13.5	4	0	H	025101	2	1	A
E-BD-P603+ REACTOR CONTROL BENCHBOARD	G080	H13P603	A.A	F	H	21	03	E775	D10	
			W 501 K9/14.1	4	3	H	025101	2	1	A
E-BD-P800+ CONTR RM PNL C	G080	H13P800	A.A	F	H	21	03	E775	D13	
			W 501 J/14.1	4	3	H	025101	59	1	A
E-BD-P820+ CONTROL RM PNL B	G080	H13P820	A.A	F	H	21	03	E775	D12	
			W 501 J7/14.1	4	3	H	025101	59	1	A
E-BD-P840+ CONTROL RM PNL A	G080	H13P840	A.A	F	H	21	03	E775	D12	
			W 501 K6/14.1	4	3	H	025101	59	1	A
E-C0-1A+ 24V BATTERY CHARGER 1A	P319	SC-24-25	A.B	F	H	021	061001	E505	K6	
			W 467 K/11.3	4	3	H		51B	1	A
E-C0-1B+ 24V BATTERY CHARGER 1B	P319	SC-24-25	A.B	F	H	021	061001	E505	K5	
			W 467 K/11.3	4	3	H		51B	1	A
E-C0-2A+ 24V BATTERY CHARGER 2A	P319	SC-24-25	A.B	F	H	021	061001	E505	K3	
			W 467 L3/11.7	4	3	H		51D	1	A
E-C0-2B+ 24V BATTERY CHARGER 2B	P319	SC-24-25	A.H	F	H	021	061001	H505	K4	
			W 467 L3/11.7	4	3	H		51B	1	A

EPN	MFG	MODEL	STATUS S E	***SEISMIC (S) PARAMETERS***				FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
				(TH	HL	TEST ANL FO C			
DESCRIPTION	BLDG	ELEV	DETAIL	USE	SAFETY FUNCTION			QID		
E-C1-1+ 125V BATTERY CHARGER 1	P319	JSC-130-200	A.D	E	N	021		062002	E505 51B	E13 A
E-C1-2+ 125V BATTERY CHARGER 2	P319	JSC-130-200	A.D	E	N	021		062002	E505 51B	E9 A
E-C1-1HPCS+ 125V BATTERY CHARGER	C173	ARR130H/K50	A.D	U	N	125		062001	E505 02E22	E7 A
E-C2-1+ 250V BATTERY CHARGER 1	P319	JSC-260-400	A.D	E	N	021		063001	E505 51B	K13 A
E-CB-1C01A	W120	QC2015	A	N	621			035009	E505 51B	2 A
E-CB-1C01B	W120	QC2015	A	N	621			035009	E505 51B	2 A
E-CB-1C02A	W120	QC2015	A	N	621			035009	E505 51B	2 A
E-CB-1C02B	W120	QC2015	A	N	621			035009	E505 51B	2 A
E-CB-1C11	W120	EMB3090	A	N	621			035010	E505 51B	2 A
E-CB-1C12	W120	EMB3090	A	N	621			035010	E505 51B	2 A
E-CB-1C21	W120	LA3350	A	N	621			035011	E505 51B	2 A
E-CB-11N2	S345	JK426300/WYA1011/AS8	A	N	621			035012	E504 73	2 A
E-CB-2C01A	W120	EB2040	A	N	621			035006	E505 51B	2 A
E-CB-2C02A	W120	EB2040	A	N	621			035006	E505 51B	2 A
E-CB-2C02B	W120	EB2040	A	N	621			035006	E505 51B	2 A
E-CN-2C11 DC OUTPUT PRKR 2C11	W120	DA-2300	N	N	621			035013	E505 51B	2 A
E-CN-2C12 DC OUTPUT PRKR 2C12	W120	DA-2300	N	N	621			035013	E505 51B	2 A
E-CN-2C21 DC OUTPUT PRKR 2C21	W120	HA-2600	N	N	621			035014	E505 51B	2 A

EPN	MFG DESCRIPTION	MODEL	STATUS S E BLDG ELEV DETAIL	***SEISMIC (S) PARAMETERS***			FREQ QID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
				TM	HL	TEST ANL FO C USE SAFETY FUNCTION			
E-CB-4/2	0080		R R	F	N			E502/2	K5
4160V BRKR TO SH-2			D 441 0.5/4.4	4	0	H		02E	2 A
E-CB-4/41	0080		R D	F	N			E502/2	J3
4160V TR-4/41 XFMR FOR BRKR			D 441 0.5/4.4	4	0	H		02E	2 A
E-CB-4/DG3	0080		R R	F	N			E502/2	J5
BRKR FOR HPCS DG			D 441 0.5/4.4	4	0	H		02E	2 A
E-CB-7/1	W120	500HP350	A B	N	615			E502/2	K15
4160V BRKR TO SH-1			W 467 H8/13.6	4	3	H	035003	47A	2 A
E-CB-7/71	W120	500HP350	A B	N	615			E502/2	J15
4160V TR-7/71 XFMR BRKR			W 467 H8/13.6	4	3	H	035003	47A	2 A
E-CB-7/73	W120	500HP350	A B	N	615			E502/2	J13
4160V TR-7/73 XFMR BRKR			W 467 H8/13.6	4	3	H	035003	47A	2 A
E-CB-7/75	W120	500HP350	A B	N	615			E502/2	J14
4160V BRKR TO SH-75			W 467 H8/13.6	4	3	H	035003	47A	2 A
E-CB-7/DG1	W120	500HP350/25Y7913B	A B	N	615			E502/2	J12
BRKR TO SH-1			W 467 H8/13.6 SH-7	4	0	H	035003	47A	2 A
E-CB-71/7B	W120	DS416	A B	N	615			E502/2	F13
480V BRKR TO MC-7B			W 467 H5/12.7	4	3	H	035007	48	2 A
E-CB-73/7A	W120	DS416	A B	N	615			E502/2	G9
480V BRKR TO MC-7A			W 467 J.6/12.7	4	3	H	035007	48	2 A
E-CB-73/7C	W120	DS416	A	N	615			E502/2	F13
MC-7C 480V CKT BRK			W 467 H.6/13.4	4	3	H	035007	48	2 A
E-CB-73/7D	W120	DS416	A	N	615			E502/2	F9
MC-7E 480V CIRCUIT BREAKER			W 467 J.8/13.1	4	3	H	035007	48	2 A
E-CB-73/7F	W120	DS-416	A B	N	615			E502/2	G9
480V BRKR TO MC-7F			W 467 J.6/12.7	4	3	H	035007	48	2 A
E-CB-7A6A	1202		A B	N	625			E503/6	H13
E-MC-7AA FOR 480V CIRCUIT BREAKER			W 467 J8/10.2	4	3	H	035001	49	2 A
E-CB-8/3	W120	500HP350	A B	N	615			E502/2	K7
4160V BRKR TO SH-3			W 467 K7/14.2	4	3	H	035003	47A	2 A
E-CB-8/81	W120	500HP350	A B	N	615			E502/2	J7
4160V BRKR TO TR-8-81			W 467 K7/14.2	4	3	H	035003	47A	2 A
E-CB-8/83	W120	500HP350	A B	N	615			E502/2	J6
4160 BRKR TO SH-83			W 467 K7/14.2	4	3	H	035003	47A	2 A
E-CB-8/85	W120	500HP350	A B	N	615			E502/2	J8
4160KV BRKR TO SH-85			W 467 K7/14.2	4	3	H	035003	47A	2 A

PROGRAM CIE-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WPP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00028
DATE 10/01/82

EPH	MFG	MODEL	STATUS	SEISMIC (S) PARAMETERS	FREQ	A/E DRAWING	A/E ZONE
DESCRIPTION	BLDG ELEV.	DETAIL	TH HL TEST ANL FO C	USE SAFETY FUNCTION	QID	CONTRACT	LEVEL EQ
E-CB-B/DG2 4160V BRKR TO B-DG2	V120	50DHP350	A B	N 615	035003	E502/2 47A	J9 2 A
E-CB-B1/80 480V FDR BRKR TO MC-8B	V120	TYPE "M"	A B	N 615	035024	E502/2 02	F6 2 A
E-CB-B1/9C MC-8C 480V CKT BRK	V120	DS416	A	N 615	035007	E502/2 48	F5 2 A
E-CB-B3/8A 480V FDR BRKR TO MC-8A	V120	TYPE "M"	A B	N 615	035024	E502/2 48	G2 2 A
E-CB-B3/8E MC-8E 480V CKT BRKR	V120	DS416	A	N 615	035007	E502/2 48	S F2 2 A
E-CB-B3/8F 480V FDR BRKR TO MC-8F	V120	TYPE "M"	A B	N 615	035024	E502/2 48	G1 2 A
E-CB-B/7	V120	50DHP350	A B	N 615	035003	E502/2 47A	K12 2 A
E-CB-D/8	V120	50DHP350	A B	N 615	035003	E502/2 47A	K9 2 A
E-CB-C01B2	V120	EB2040 DC400A2P	A	N 621	035006	E505 51A	K5 2 A
E-CB-CR11N3 DC INPUT TO IN-3	S345	JK12006300/UUA101L	A D	N 621	035025	E504 73	H7 2 A
E-CB-CRD1A 4160V BRKR TO CRD-P-1A	V120	50DHP350	A B	N 615	035003	E502/2 47A	J13 2 A
E-CB-CRD1B 4160V BRKR TO CRD-P-1B	V120	50DHP350	A D	N 615	035003	E502/2 47A	J8 2 A
E-CB-DG1/7 EMERG SUPPLY 4.16KV CKT BRK	V120	50-DH-P-250	A B	N 615	035003	E502/2 47A	J12 2 A
E-CB-DG2/8 EMERG SUPPLY 4.16KV CKT BRK	V120	50-DH-P-250	A D	N 615	035003	E502/2 47A	J10 2 A
E-CB-HPCS 4160V HPCS-P-1 BRKR	G080	AM-4-16-350-2H	R P	F N	035021	H5B7 02E22	J3 2 A
E-CB-LPCSP1 4160V LPCS-P-1 BRKR	V120	50DHP350	A B	N 615	035003	E502/2 47A	J15 2 A
E-CB-MC/8AA BRKR TO E-MC-8AA	1005	TYPE M	D	N 625	035024	E503/6 49	C13 2 A
E-CB-M07AA BRKR TO E-MC-7AA	1005		D	N 625	035024	E503/6 49	2 A

EPN	MFG DESCRIPTION	MODEL	BLOG ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***				FREQ OID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TH	HL	TEST	ANL FO C			
					USE		SAFETY	FUNCTION			
E-CB-MCBA2C	1005		B	H	625					E503/6	
BRKR TO E-HC-BA2C			U 467 L.9/10.0	4 3	H				035024	49	2 A
E-CB-RCCP1A	W120	DS416	A	H	615					E502/2	F12
RCC-M-1A 480V CIRCUIT BREAKER			U 467 H6/13.4	0 0	H/E				035007	48	2 A
E-CB-RCCP1B	W120	DS416	A	H	615					E502/2	F5
RCC-P-1B 480V CIRCUIT BREAKER			U 467 L7/14.0	0 0	H/E				035007	48	2 A
E-CB-RCCP1C	W120	DS416	A	H	615					E502/2	F4
RCC-M-1C 480V CIRCUIT BREAKER			U 467 L7/14.0	0 0	H/E				035007	48	2 A
E-CB-RHR2A	W120	50DHP350	A B	H	615					E502/2	J14
4160V BRKR TO RHR-P-2A			U 467 H8/13.6	4 3	H/E				035003	47A	2 A
E-CB-RHR2B	W120	50DHP350	A B	H	615					E502/2	J9
4160V BRKR TO RHR-P-2B			U 467 K7/14.2	4 3	H/E				035003	47A	2 A
E-CB-RHR2C	W120	50DHP350	A B	H	615					E502/2	J9
4160V BRKR TO RHR-P-2C			U 467 K7/14.2	4 3	H/E				035003	47A	2 A
E-CD-SL71SP	W120	24Y9836B17	A	H	615					E502/2	
SPARE CIRCUIT BREAKER 480V			U 467 H.6/13.6	0 0	H				035007	48	2 A
E-CB-SH7SP	W120	50-DHP-350	A	H	615					E502/2	J14
SPARE CIRCUIT BREAKER 4.16KV			U 467 H.8/13.6	0 0	H				035003	47A	2 A
E-CD-SH8SP	W120	50-DHP-350	A	H	615					E502/2	J9
SPARE CIRCUIT BREAKER 4.16KV			U 467 K.7/14.2	0 0	H				035003	47A	2 A
E-CB-SS	W120	24Y9836B3	A	H	615					E502/2	F6
			U 467 L7/14.0	0 0	H				035007	48	2 A
E-CB-SW1A	W120	50DHP350	A B	H	615					E502/2	J14
4160V BRKR TO SW-P-1A			U 467 H8/13.6	4 3	H/E				035003	47A	2 A
E-CD-SW1B	W120	50DHP350	A B	H	615					E502/2	J8
SW-M-1B 4.16KV CIRCUIT BREAKER			U 467 K7/14.2	4 3	H/E				035003	47A	2 A
E-CP-96RA+	G080	H13-P684	A A	F	H	121			20	E775	F13
			U 501 H6/12	4 3	H				050101	02	1 P
E-CP-COHV1+	P321		A D	U	H	110	01		33	M577	H3
CONTR RM CRIT SWGR RM HVAC PNL 1			U 525 K7/12.3	4 3	H				050104	216	1 P
E-CP-COHV2+	P321		A D	U	H	110	01		33	M577	H3
CONTR RM CRIT SWGR RM H C PNL 2			U 525 K2/12.3	4 3	H				050104	216	1 P
E-CP-COHV3+	P321		A D	U	H	110	01		33	M577	H3
CONTR RM CRIT SWGR RM HVAC PNL 3			U 525 K/12.5	4 3	H				050104	216	1 P
E-CP-COHV4+	P321		A D	U	H	110	01		33	M577	H3
CONTR RM CRIT SWGR RM HVAC PNL 4			U 525 K2/12.5	4 3	H				050104	216	1 P

EPH	HFG	MODEL	STATUS		***SEISMIC (S) PARAMETERS***				FREQ	A/E DRAWING	A/E ZONE
			S	E	TM	HL	TEST	ANL	FO		
DESCRIPTION		BLDG ELEV	DETAIL	USE	SAFETY	FUNCTION	QID	CONTRACT	LEVEL	EC	
E-CP-CS1+ SUPERVISORY CONTROL PANEL FOR SW			R			H				M775	J12
		W 501 K.1/10.0			4	3	E				1 P
E-CP-CS2+ SUPERVISORY CONTROL PANEL FOR SW			R			H				M775	05
		W 467 K.1/14.7			4	3	E				1 P
E-CP-CS3+ SUPERVISORY CONTROL PANEL FOR SW			R			H				M775	E10
		W 501 L.9/13.6			4	3	E				1 P
E-CP-DG/CP1+ DIESEL GEN CONTROL DG-1	S407		A H		F	H	Q21		99	M587	E12
		D 441 Q.2/7.0			4	0	H		050105	53	1 P
E-CP-DG/CP2+ DIESEL GEN CONTROL PNL DG-2	S407		A H		F	H	Q21		99	M587/7	C13
		D 441 Q.2/8.9			4	0	H		050105	53	1 P
E-CP-DG/CP1+ DIESEL ENG CONTROL PNL	S407		A H		F	H	Q21		99	M587/7	
		D 441 Q.1/7.0			4	0	H		050105	53	1 P
E-CP-DG/CP2+ DIESEL ENG CONTROL PNL	S407		A H		F	H	Q21		99	M587/7	
		D 441 Q.1/8.9			4	0	H		050105	53	1 P
E-CP-DG/REP1+ EXCITER CONTROL PNL DG-1	S407		A H		F	H	Q21		99	M587	E12
		D 441 Q.5/7.1			4	0	H		050105	53	1 P
E-CP-DG/REP2+ EXCITER CONTROL PNL DG-2	S407		A H		F	H	Q21		99	M587/7	C13
		D 441 Q.4/9.0			4	0	H		050105	53	1 P
E-CP-DG/RP1+ DIESEL GEN 1 REG CONTROL PNL	S407		A			H				M587/7	
		D 441 Q.4/7.0			4	0	H			53	1 P
E-CP-DGHV/9+ DIESEL GEN CABLE COOL SYSTEM PNL	P321		R D		F	H				M818	J7
		W 441 P.0/9.9			4	0	H			216	1 P
E-CP-DGHV/1+ DIESEL GEN CABLE COOL SYSTEM PNL	P321		R D		F	H				M587	E12
		D 444 Q.7/6.6			4	3	H		050103	216	1 P
E-CP-DGHV/11+ DIESEL GEN CABLE COOL SYSTEM PNL	P321		R D		F	H				M587	D12
		D 444 Q.7/8.6			4	3	H		050103	216	1 P
E-CP-DGHV/111+ DIESEL GEN CABLE COOL SYSTEM PNL	P321		R D		F	H				M587	H14
		D 455 P1/4.5			4	3	H		050103	216	1 P
E-CP-DGP+ CONTROL PNL FOR HPCS DG	S407					H				M587	
		D 441			1	0	H			53	1 P
E-CP-P001+ CONTROL PNL FOR HPCS DG	G080	C61-P001	A A		F	H	21. 03			E775	C5
		W 461 J6/14.5			4	0	H		050101	02	1 P
E-CP-P606+ CONTROL PNL FOR HPCS DG	G080	H13-P606	A A		F	H	121		20	E775	G12
		W 501 J4/11.7			4	3	H		050101	02	1 P
E-CP-P60R+ PWR RANGE NEUTRON MONITOR PNL	G080	H13-P606	R A		F	H				E775	G11
		W 501 K9/1			4	0	H		050101	02	1 P

PROGRAM CIE-SQRT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00031
DATE 10/01/82

EPH	HFG DESCRIPTION	MODEL	STATUS S E BLOG ELEV DETAIL	***SEISMIC (S) PARAMETERS*** TH HL TEST ANL FO C USE SAFETY FUNCTION	FREQ QTD	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
E-CP-P609+	G080 H13-P609		A A W 501 J/11.7	F N 121 4 0 H	11 050101	E775 02	G13 1 P
E-CP-P611+	G080 H13-P611		A A W 501 L2/11.7	F N 121 4 0 H	11 050101	E775 02	G10 1 P
E-CP-P613+	G080 H13-P613		A A W 501 K9/12	F N 121 4 3 H	14 050101	E775 02	F11 1 P
E-CP-P618+	G080 H13-P618		A A W 501 L1/12	F N 121 4 3 H	20 050101	E775 02	F10 1 P
E-CP-P621+	G080 H13-P621		A A W 501 J3/12	F N 121 4 3 H	14 050101	E775 02	F12 1 P
E-CP-P622+	G080 H13-P622		A A W 501 K8/12	F N 121 4 3 H	19 050101	E775 02	F10 1 P
E-CP-P623+	G080 H13-P623		A A W 501 J4/12	F N 121 4 3 H	14 050101	E775 02	F12 1 P
E-CP-P625+	G080 H13-P625		A A W 501 L2/12.4	F N 121 4 0 H	20 050101	E775 02	F10 1 P
E-CP-P626+ FPC CP 1	G080 H13-P626		A A W 501 J5/11.8	F N 121 4 3 H	19 050101	E775 02	G11 1 P
E-CP-P627+ FPC CP 2	G080 H13-P627		A A W 501 K3/11.8	F N 121 4 3 H	19 050101	E775 02	G12 1 P
E-CP-P628+	G080 H13-P628		A A W 501 J2/12	F N 121 4 0 H	21 050101	E775 02	F13 1 P
E-CP-P629+	G080 H13-P629		A A W 501 J/12	F N 121 4 0 H	20 050101	E775 02	F13 1 P
E-CP-P632+	G080 H13-P632		A A W 501 J6/12	F N 121 4 3 H	19 050101	E775 02	F12 1 P
E-CP-P633+	G080 H13-P633		A A W 501 K9/11.7	F N 121 4 3 H	20 050101	E775 02	G10 1 P
E-CP-P642+	G080 H13-P642		A A W 501 K6/12	F N 121 4 0 H	14 050101	E775 02	F11 1 P
E-CP-P650+ ATMS PHL	G080 H13-P650		A A W 501 J4/12.4	F N 121 4 0 H	21 050101	E775 02	F13 1 P
E-CP-P659+	G080 H13-P659		A A W 501 J4/11.4	F N 121 4 3 H	E775 050101	02	G13 1 P
E-CP-P679+	G080 H13-P679		A A W 501 L6/13.5	F N 121 4 0 H	20 050101	E775 02	G10 1 P

PROGRAM C1E-SQRT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00032
DATE 10/01/82

EPN	HFG	MODEL	BLDG ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***				FREQ QID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TH	HL	TEST	ANL FO C			
DESCRIPTION					USE		SAFETY	FUNCTION			
E-CP-P680+	G080	H13-P680		A A	F H	121			20	E775	E10
			W 501 L6/12.8		4 3	H			050101	02	P
E-CP-P681+	G080	H13-P681		A A	F H	121			20	E775	F10
			W 501 L6/12.8		4 3	H			050101	02	P
E-CP-P682+	G080	H13-P682		A A	F H	121			20	E775	F13
			W 501 H6/12.3		4 3	H			050101	02	P
E-CP-P683+	G080	H13-P683		A A	F H	121			20	E775	F10
			W 501 L6/12		4 3	H			050101	02	P
E-CP-P685+	G080	H13-P685		A A	F H	121			20	E775	G10
			W 501 L6/11.8		4 3	H			050101	02	P
E-CP-P686+	G080	H13-P686		A A	F H	121			20	E775	G13
			W 501 H6/11.8		4 3	H			050101	02	P
E-CP-P687+	G080	H13-P687		A A	F H	121			20	E775	G10
			W 501 L6/11.4		4 3	H			050101	02	P
E-CP-P688+	G080	H13-P688		A A	F H	121			20	E775	G13
CONTR RM PNL D			W 501 H6/11.4		4 3	H			050101	02	P
E-CP-P689+	G080	H13-P689		A A	F H	121			20	E775	H10
ACCESS COMPUTER			W 501 L6/11		4 3	H			050101	02	P
E-CP-P690+	G080	H13-P690		A A	F H	121			20	E775	H10
			W 501 H6/11		4 3	H			050101	02	P
E-CP-P811+	G080	H13-P811		A A	F H	121			21	E775	H11
CONTR RM PNL K11 (SGT & CAC)			W 501 K6/10.6		4 3	H			050101	59	P
E-CP-P812/R1+	G080	H13-P812		A A	F H	121			20	E775	H11
CONTR RM PNL R1			W 501 K7/10.6		4 3	H			050101	59	P
E-CP-P812/R11+	G080	H13-P812		A A	F H	121			20	E775	H11
CONTR RM PNL R11			W 501 K8/10.6		4 3	H			050101	59	P
E-CP-P813/H1+	G080	H13-P813		A A	F H	121			21	E775	H10
CONTR RM PNL H11			W 501 K9/10.6		4 3	H			050101	59	P
E-CP-P813/H11+	G080	H13-P813		A A	F H	121			21	E775	H10
CONTR RM PNL H11			W 501 L7/10.6		4 3	H			050101	59	P
E-CP-P814/J1+	G080	H13-P814		A A	F H	121			21	E775	H10
CONTR RM PNL J1			W 501 L1/10.6		4 3	H			050101	59	P
E-CP-P814/J11+	G080	H13-P814		A A	F H	21	03		21	E775	H10
CONTR RM PNL J11			W 501 L2/10.6		4 3	H			050101	59	P
E-CP-P821+	G080	H13-P821		A A	F H	121			21	E775	H10
HSIU LEAK CONTROL SYS PNL			W 501 H9/		4 3	H			050101	59	P

PROGRAM CIE-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00033
DATE 10/01/82

EPN	MFG DESCRIPTION	MODEL	DLOG. ELEV.	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***			FREQ QTD.	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TH	HL	TEST ANL FO C USE SAFETY FUNCTION			
E-CP-P825+	G080	H13 P825		A A	F	H	121	14	E775	H13
COOLING WATER SYS. PNL			U 501 J3/10.6		4	3	H	050101	59	1
E-CP-P826+	G080	H13 P826		A A	F	H	121	20	E775	H12
RAD. WASTE BLOC. HVAC PNL			U 501 J5/10.6		4	3	H	050101	59	1 P
E-CP-P826/P11+	G080	H13 P826		A A	F	H	121	20	E775	H12
CONTR RM PNL			U 501 J6/10.6		4	3	H	050101	59	1 P
E-CP-P827+	G080	H13 P827		A A	F	H	121	21	E775	H12
SGT/CAC PNL II			U 501 J7/10.6		4	0	H	050101	59	1 P
E-CP-P833+	G080	H13 P833		A A	F	H	121	21	E775	J10
SAFETY SYS. ELEC. PNL			U 501 J2/10.3		4	3	H	050101	59	1 P
E-CP-P841+	G080	H13 P841		A A	F	H	121	19	E775	J13
SAFETY SYS. ELEC. PNL			U 501 J19/10.3		4	3	H	050101	59	1 P
E-CP-P842+	G080	H13 P842		B A	F	H		20	E775	J13
SUPERVISORY RLY PNL DIV 2			U 501 J11/10.1		4	3	H	050101	159	1 P
E-CP-P890/L+	G080	H13 P890		R A	F	H		050101	E775	H13
CONTR RM PNL L			U 501 H6/11.0		4	0	H	050101	159	1 P
E-CP-RAD/22+	K020			A B	F	H		20	E775	J14
CONTAINMENT RAD MONITOR DIV 1			U 501 H4/10		4	3	H	050101	E92B	1 P
E-CP-RAD/23+	K020			A B	F	H			E775	J10
CONTAINMENT RAD MONITOR DIV 2			U 501 L2/10.3		4	3	H		E92B	1
E-CP-RC/14+	S423	ARC-B		A B	F	H	021	20	E775	H14
RELAY CABINET, CONTROL ROOM			U 501 H4/10.9		4	3	H	050102	218	1 P
E-CP-RC/24+	S423	ARC-B		A B	F	H	021	20	E775	H9
RELAY CABINET, CONTROL ROOM			U 501 L8/11		4	3	H	050102	218	1 P
E-CP-RC/4A+	S423			A B	F	H	021	20	E775	H14
			U 501 H4/10.6		4	3	H	050102	218	1 P
E-CP-RC/8A+	S423	ARC-B		A B	F	H	021	20	E775	H9
RELAY CABINET, CONTROL ROOM			U 501 L8/10.6		4	3	H	050102	218	1 P
E-CP-RS+	G080	H22-P100		A A	F	H	21 03	050101	E775	C5
REMOTE SHUTDOWN PNL (BOP)			U 467 J6/14.5		4	0	H	050101	59	1 P
E-DP-HPCS+	G080	SUBD		D D	F	H		080001	E505	C5
			U 447 P8/4.4		4	0	H	080001	E22	1 P
E-DP-S1/1+	S345	OV-02653-22Y3		A D	U	N	121 00	10	E505	D14
			U 467 H7/11.0		4	3	H	080002	218	1 P
E-DP-S1/1A+	S345	OV-02653-22Y3		A D	U	N	121 00	10	E509	D14
			U 501 H3/11.4		4	3	H	080002	218	1 P

EPN	DESCRIPTION	MFG	MODEL	STATUS S E	***SEISMIC (S) PARAMETERS*** TH HL TEST ANL FO C	FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
			BLOG. ELEV	DETAIL	USE SAFETY FUNCTION	Q10		
E-DP-S1/1D+		S345	QM-02653-21X4	A.D	U W N 121 00	10	E509	H6
			U 467 H3/11.9		4 3 H	080002	218	P
E-DP-S1/1E2		S345	QM-02653-21X5	A.D	U W N 121	10	E509	J3
			D 447 0.6/7.4		4 3 H	080002	218	P
E-DP-S1/2A		S345	QM-02653-22B-X	A.D	U W N 121 00	10	E505	D10
			U 467 L9/11.3		4 3 H	080002	218	P
E-DP-S1/2A+		S345	QM-02653-21X3	A.D	U W N 121 00	10	E509	B9
			U 501 L.9/12.8		4 3 H	080002	218	P
E-DP-S1/2D+100		S345	QM-02653-21X4	A.D	U W N 121 00	10	E505	C7
			U 467 J.3/14.7		4 3 H	080002	218	P
E-DP-S1/2E+100		S345	QM-02653-27X5	A.D	U W N 121 00	10	E509	J3
			D 441 0.6/9.4		4 3 H	080002	218	P
E-DP-S1/3Y1		S345	QM-02653-1652	A.D	U W N 121 00	10	E509	G3
			U 525 H3/13		4 3 H	080002	218	P
E-DP-S2/1+		S345	QM-02653-22Y2	A.D	U W N 121 00	10	E505	J14
			U 467 H9/10.8		4 3 H	080002	218	P
E-DP-S0A+		S345	QM-02653-21X1	A.D	U W N 121 00	10	E505	G6
			U 501 H3/11.4		4 3 H	080002	218	P
E-DP-S0D+		S345	QM-02653-21X2	A.D	U W N 121 00	10	E505	G4
			U 501 L5/11.0		4 3 H	080002	218	P
E-EPP-7AAA+		NPOB	-02653-29FF	A.N	U W N 21 00	14	E785	B12
PP-7A-A2A EMERGENCY			D 441 0.5/7.4		4 3 H	119001	218	P
E-EPP-8AAA+		NPOB	-02653-29FF	A.N	U W N 21 00	14	E785	B12
			D 441 0.5/9.4		4 3 H	119001	218	P
E-FUSE-B0/1		S345	C-4027-289-01	R.D	F N		E505	H6
FUSE DISCON ASSM BAT B0-2A N B0-2D			U 465 H4/12.2		4 3 H	160003	218	P
E-FUSE-B0/2		S345	CL4027-289-01	R.D	F N		E505	J4
FUSE DISCON ASSM BAT B0-2A N B0-2B			U 465 L6/10.8		4 3 H	160003	218	P
E-FUSE-B1/1/01+		S423		A	N		E505	E14
ENCLOSURE FOR FUSE B1-1			U 467 H.9/11.0		4 3 H	160005	218	P
E-FUSE-B1/2/01+		S423		A	N		E505	E10
ENCLOSURE FOR FUSE B1-2			U 465 L.9/11.3		4 3 H	160005	218	P
E-FUSE-B2/1/01+		S423		A	N		E505	K14
ENCLOSURE FOR FUSE B2-1			U 465 H.0/10.8		4 3 H	160005	218	P
E-IN-2+		E209	IN203-1-101	R.B	F N		E504	H5
INVERTER			U 467 K6/		4 3 H	184001	73	P

EPI	MFG DESCRIPTION	MODEL	STATUS S E BLDG ELEV DETAIL	***SEISMIC (S) PARAMETERS***				FREQ QTD	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
				TH	HL	TEST	ANL	FO		
E-IN-3+	E209	IM203-1-101	B.B	E	N				E504	H7
INVERTER-3			W 467 K6/10.6	4	3	H			184001 75	1 A
E-IR-P02R+	G080	H22-P028	A A	E	N	121	03		10 M587	
			D 447 Q1/4	4	0	H			185003 02	1 P
E-MC-4A+	1147	C-1087-01	A B	F	N	121			10 E503/9	C13
IPCS MOTOR CONTROL CENTER 4A			D 441 Q2/4.1	4	3	H			216002 E22	1 P
E-MC-7A+	1202	5640VB-111C108-C1090	A B	F	N	125			08 E503/6	C5
MOTOR CONTROL CENTER 7A			W 467 J.8/10.2	4	3	H			216001 49	1 P
E-MC-7AA+	1202	5640VB-111C108-C1090	A B	F	N	125			08 E503/9	H13
MOTOR CONTROL CENTER 7A			D 441 Q.4/6.3	4	3	H			216001 49	1 P
E-MC-7F+	1202	5640VB-111C108-C1090	A B	F	N	125			08 E503/11	J12
MOTOR CONTROL CENTER 7F			W 525 H.4/10.9	4	3	H			216001 49	1 P
E-MC-8A+	1202	5640VB-111SPL-C1090	A B	F	N	125			08 E503/6	C13
MOTOR CONTROL CENTER 8A			W 467 K.9/10.3	4	3	H			216001 49	1 P
E-MC-8AA+	1202	5640VA-111SPL-C1090	A B	F	N	125			08 E503/2	F13
MOTOR CONTROL CENTER 8A			D 441 Q.2/18.6	4	3	H			216001 49	1 P
E-MC-8F+	1202	5640V4C-111SPL-C1090	A B	F	N	125			08 E503/12	H13
MOTOR CONTROL CENTER 8F			W 525 K3/11.8	4	3	H			216001 49	1 P
E-MC-S1/10+	1202	5640V4C-111SPL-C1090	A B	F	N	125			08 E505	C13
125V DC MOTOR CONTROL CENTER S1/10			W 467 H.9/110.5	4	3	H			216001 49	1 P
E-MC-S1/20+	1202	5640V4C-111SPL-C1090	A B	F	N	125			08 E505	C7
125V DC MOTOR CONTROL CENTER S1/20			W 467 H.9/110.5	4	3	H			216001 49	1 P
E-PP-4A+	S345	QMB	A B	W	N	121			10 E503/9	B11
PP-4A IPCS DG RM PWR PNL			D 441 Q4/3.8	4	0	H			252002 218	1 P
E-PP-7A+	S345	QMB	A B	W	N	121			10 E504	J9
PP-7A CRITICAL POWER PANEL			W 467 H4/10.2	4	3	H			252002 218	1 P
E-PP-7AA+	S345	QMD	A B	W	N	121			10 E504	F7
PP-7A-A			W 501 H3/11.3	4	3	H			252002 218	1 P
E-PP-7AF+	S345	QMB	A B	W	N	21	00		10 E504	J9
PP-7A-A			W 467 J3/14	4	3	H			252002 218	1 P
E-PP-8A+	S345	QMB	A B	W	N	121			10 E504	J3
PP-8A CRITICAL POWER PANEL			W 467 L1/10.5	4	3	H			252002 218	1 P
E-PP-8AA+	S345	QMB	A B	W	N	121			10 E504	F5
PP-8A-A			W 501 L9/11.8	4	3	H			252002 218	1 P
E-PP-8AF+	S345	QMD	A B	W	N	121			10 E504	J3
PP-8A-A			W 465 J3/14.7	4	0	H			252002 218	1 P

EPM	HFG	MODEL	STATUS	***SEISMIC (S) PARAMETERS***					FREQ	A/E DRAWING	A/E ZONE
				TH	HL	TEST	ANL	FO C			
DESCRIPTION		BLDG ELEV	DETAIL	USE	SAFETY	FUNCTION			QID	CONTRACT	LEVEL EC
E-SL-714	W120	24Y9836	A B	F	N	115	02		16	E502/2	G13
			U 467 H5/12.7	4	3	H			308001	48	1 P
E-SL-734	W120	24Y9836	A B	F	N	115	02		16	E502/2	G9
			U 467 H1/12.7	4	3	H			308001	48	1 P
E-SL-814	W120	24Y9836	A B	F	N	115	02		16	E502/2	G6
			U 467 L4/13.8	4	3	H			308001	48	1 P
E-SL-834	W120	24Y9836	A B	F	N	115	02		16	E502/2	G2
			U 467 L4/14.5	4	3	H			308001	48	1 P
E-SH-401	G080	205AE411	R B	F	N					E502/2	J4
			D 441 05/4.4	4	0	H			309001	02E22	1 P
E-SH-701	W120	25Y7913	A B	F	N	115	02		07	E502/2	J14
AUX LVO RELAY			U 467 H8/13.6	4	3	H			309002	47A	1 P
E-SH-801	W120	25Y7913	A B	F	N	115	02		07	E502/2	J8
			U 467 K7/14.2	4	3	H			309002	47A	1 P
E-SH-801/7	W120	25Y7916	A	F	N	115			07	E785	E12
4.16KV-DG10SUGR			D 441 0.7/7.0	4	0	H			309004	47A	1 A
E-SH-802/8	W120	25Y7916	A	F	N	115			07	E785	
4.16KV-DG2 SUGR			D 441 0.7/9.0	4	0	H			309004	47A	1 A
E-TR-40	S345	123143-14	G D	F	N	121			08	E503/9	B8
ELP-4A HPCS DG RM POWER PNL TRANS			D 441 P.1/4.4	4	0	H			349010	218	2 A
E-TR-40A	S240	201FZ.5	A B	F	N	621				E785	
HPCS-DG RM POWER PNL PP-4A TRANSFC			D 441 0.2/4.1	4	0	H			349001	02E22	2 A
E-TR-7/71	W120	4B45A84	R B	F	N					E502/2	G15
4160-480V STA SER TRANSFORMER			U 467 H.5/13	3	0	H			349012	48	2 A
E-TR-7/73	W120	4B45A84	R B	F	N					E502/2	F11
4160-480V STA SER TRANSFORMER			U 467 J4/13	4	3	H			349012	48	2 A
E-TR-7A	S248	126386-1	A D	F	N	121			07	E504	K9
PP-7A CRIT DIST PNL TRANSFORMER			U 467 J/10.5	4	3	H			349008	218	2 A
E-TR-7AA	S345	123143-17	G D	F	N	121			08	E503/9	G11
ELP-7A-A TRANSFORMER			D 441 0.6/7.3	4	0	H			349010	218	2 A
E-TR-7AAA	S345	126382-5	A D	F	N	121			08	E503/9	G8
POWER PNL PP-7A-A-A TRANSFORMER			D 441 0.5/7.3	4	0	H			349011	218	2 A
E-TR-P/R1	W081	4B45A84	R B	F	N					E502/2	G12
4160V-480V STATION SERVICE TRANSFO			U 467 L7/13.7	4	3	H			349012	48	2 A
E-TR-R/R3	W081	4B45A84	R B	F	N					E502/2	F4
4160V-480V STATION SERVICE TRANSF			U 467 L7/14	4	3	H			349012	48	2 A

EPN	MFG DESCRIPTION	MODEL	STATUS S E BLOG ELEV. DETAIL	***SEISMIC (S) PARAMETERS***			FREQ QID	A/E DRAWING CONTRACT	A/E ZONE LEVEL CC
				TH HL TEST ANL FO C USE SAFETY FUNCTION					
E-TR-BA PP-BA CRIT DIST PNL TRANSFORMER	S258 126386-2		A D V 467 L1/10.5	E N 121 4 3 H			07 349008	E504 218	K4 2 A
E-TR-BA2C PP-BA-2CA PUR PNL TRANSFORMER	S258 3013HF		G D V 467 H4/13.3	E N 121 4 3 H			06 349002	E503 218	2 A
E-TR-BA4 ELP-BA-A LTG PNL TRANSFORMER	S345 123143-6		G D D 441 Q.4/9.4	F N 121 4 3 H			08 349010	E503/9 218	E11 2 A
E-TR-BA4A PP-BA-A-A EMER PUR PNL TRANSFORMER	S345 126382-1		A D D 441 Q.5/9.4	F N 121 4 3 H			08 349011	E503/9 218	E11 2 A
E-TR-HPCS4A HPCS4G RH. PUR. PNL	6080 9125Y3429		D B D 441 Q.2/4.1	F N 121 4 0 H			08 349014	E503/9 202E22	E11 2 A
E-TR-T81N2 15KVA REG XFMR	S245 850-313-33		A V 467 K5/10.9	H 621 4 3 H			08 349003	E504 73	H5 2 A
E-TR-T81N3 15KVA REG XFMR	S245 850-313-33		A V 467 J.0/10.7	H 621 4 3 H			08 349003	E504 73	H8 2 A
HPCS-E/S-600 24VDC POWER SUPPLY	D110 P/R159C 4560		A B V 501 L2/12.4	R N 4 0 C			08 105601	807E172TC 202E22	2 2 A
HPCS-EXC-1C EXCITER FOR HPCS GENERATOR	6080 357230NA15901		R D D 441 P.5/4.4	H 4 0 C			08 127001	E502 202E22	65 2 A
HPCS-PS-1/DG PRESSURE SWITCH	B069 E1H-M15V		T D 441 P.9/4.5	H 4 0 C			02 256004	02	2 A
HPCS-PS-11/DG PRESSURE SWITCH	B069 E1H-M250V		T D 441 P.9/4.5	H 4 0 C			02 256004	02	2 A
HPCS-PS-12/DG PRESSURE SWITCH	B069 E1H-M250V		T D 441 P.9/4.5	H 4 0 C			02 256004	02	2 A
HPCS-PS-15/DG PRESSURE SWITCH	B069 E1H-M250V		T D 441 P.9/4.5	H 4 0 C			02 256004	02	2 A
HPCS-PS-16/DG PRESSURE SWITCH	B069 E1H-M250V		T D 441 P.9/4.5	H 4 0 C			02 256004	02	2 A
HPCS-PS-2/DG PRESSURE SWITCH	B069 E1H-M15V		T D 441 P.9/4.5	H 4 0 C			02 256004	02	2 A
HPCS-PS-20/DG PRESSURE SWITCH	B069 E1H-M15V		T D 441 P.9/4.5	H 4 0 C			02 256004	02	2 A
HPCS-PS-22/DG PRESSURE SWITCH	B069 E1H-M90V		T D 441 P.9/4.5	H 4 0 C			02 256004	02	2 A
HPCS-PS-24/DG PRESSURE SWITCH	B069 E1H-M90V		T D 441 P.9/4.5	H 4 0 C			02 256004	02	2 A

EPN	MFG	MODEL	STATUS S E	***SEISMIC (S) PARAMETERS*** TH. HL TEST ANL FO C USE SAFETY FUNCTION.	FREQ QID	A/C DRAWING CONTRACT	A/E ZONE LEVEL EC
DESCRIPTION	BLOG ELEV.	DETAIL					
HPCS-PS-26/DG PRESSURE SWITCH	E231		R	N		02	12C A
		D 441 P.9/4.5		4 0 C			
HPCS-PS-27/DG PRESSURE SWITCH	B069	E1H-M90V	T	N	256004	02	2 A
		D 441 P.9/4.5		4 0 C			
HPCS-PS-3/DG PRESSURE SWITCH	B069	E1H-M90V	T	N	256004	02	2 A
		D 441 P.9/4.5		4 0 C			
HPCS-PS-30/DG PRESSURE SWITCH	B069	E1H-M90V	T	N	256004	02	2 A
		D 441 P.9/4.5		4 0 C			
HPCS-PS-34/DG PRESSURE SWITCH	B069	E1H-M500V	T	N	256004	02	2 A
		D 441 P.9/4.5		4 0 C			
HPCS-PS-35/DG PRESSURE SWITCH	B069	E1H-M500V	T	N	256004	02	2 A
		D 441 P.9/4.5		4 0 C			
HPCS-PS-36/DG PRESSURE SWITCH	B069	E1H-M90V	T	N	256004	02	2 A
		D 441 P.9/4.5		4 0 C			
HPCS-PS-37/DG PRESSURE SWITCH	B069	E1H-M90V	T	N	256004	02	2 A
		D 441 P.9/4.5		4 0 C			
HPCS-PS-7/DG PRESSURE SWITCH	B069	E1H-M15V	T	N	256004	02	2 A
		D 441 P.9/4.5		4 0 C			
HPCS-SE-SS1/DGP MAGNETIC PICK UP	D283	M101	R	N			2 A
		D 441 P.9/4.5		4 0 C			
LO-DTRS-611/31V EQPT AREA DIFF TEMP RECORD (P632)	L130		D	N	M525	02	2 A
		U 501 119/12.2		4 0 F	097001		
LO-XE-E31A/24A TEMP INDICATOR/METER MODULE	S054	MODEL 106	A	R N	03	2-21-0602	2 A
		U 501 J6/12		0 0 F	383001	02E31	
LO-XE-E31A/24B TEMP IND/METER MODULE	S054	BR	A	R N	03	2-21-0602	2 A
		U 501 K.6/1.2		0 0 F	383001	02E31	
MS-F/S-613A PWR SUPPLY LOGIC A,C	G080	9T664987603	A	N		807E152TC/	4C A
		U 501 J1/12.4		4 3 D1.1	105003	02	
MS-F/S-613B PWR SUPPLY LOGIC D,D	G080	9T664987603	A	N		807E152TC/	4E A
		U 501 K9/12		4 3 D1.1	105003	02	
MS-RHS-S2A CONTROL SW MS-V-2RA	G080	SDH	A D	N	14 00	807E152TC/	10J A
		U 501 L/13		4 3 D1	285007	02D22	
MS-RHS-S2D CONTROL SW MS-V-2PD	G080	SDH	A D	N		807E152TC/	10J A
		U 501 L/13		4 3 D1	285007	02D22	
MS-RHS-S2C CONTROL SW MS-V-2RC (OUTBOARD)	G080	SDH	A D	N		807E152TC/	10J A
		U 501 L/13		4 3 D1	285007	02D22	

EPN	MFG DESCRIPTION	MODEL	STATUS S E BLDG ELEV DETAIL	***SEISMIC (S) PARAMETERS*** TH HL TEST ANL FO C USE SAFETY FUNCTION	FREQ QID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
MS-RMS-S2D CONTROL SW MS-V-2ND (OUTBOARD)	G080 SBH	9T66Y9A7	A B W 501 L/13	N 14 00 4 3 B1	33+ 285007	807E152TC/ 02D22	10J 2 A
RCIC-E/S-10R RS PNL PUR TO RCIC INSTR	G080 C61-P001	9T66Y9A7	B B W 467 J6/14.3	N 621 0 1	105002	807E151TC/ 02C61	L10 2 A
RCIC-E/S-600 PNL PUR TO RCIC INSTR. BUS A	G082	9T66Y987	B B W 501 J.1/12.4	N 621 4 1 B1	105002	807E173TC/ 02C51	4J4 2 A
RCIC-IN-2R RS PNL INVERTER	G080 C61-P001	N250-GWRS-125-60	A B W 467 J6/14.3	F N 14 00 0 1 C	00 184002	2-22-2209 02C61	2C19 A
RCIC-IN-603 BUS A INVERTER 24VDC	G080	N250-GWRS-12560	A B W 501 J.1/12.4	N 21 00 4 1 B1	33+ 184002	807E173TC/ 02C51	4J2 2 A
RUR-RMS-RSCS38 260 RSCS	G080 SBH		A B W 467 J6/14.3	N 14 00 4 1 C	33+ 285007	807E151TC/ 02C61	8B8 2 A
RUCU-E/S-600 RUCU INSTR POWER SUPPLY	D119	C-24-23 P/P159C4560	B B W 501 K.8/12	N 4 0 B1	105001	02C33	2 A
SW-EMD-11B EIL OPERATOR FOR SU-TCV-11B	L206	HH92J2002	B W 525 L3/10.4	P N 121 03 J	33+ 110001	H524 42A	H15 2 A
SW-MO-4A 1.0HP MOTOR OPERATOR SW-V-4A	L200	SHB-00-10/L56	A B D 443 P.8/6.0	P N 114 4.0 H+J	33+ 221001	H524 41A	F8 2 A
SW-MO-4B 1.0HP MOTOR OPERATOR SW-V-4B	L200	SHB-00-10/L56	A B D 441 R9/8	P N 114 4.0 H+J	33+ 221001	H524 41A	CA 2 A
SW-MO-4C 1.0HP MOTOR OPERATOR SW-V-4C	L200	SHB-00-10/L56	A B D 445 P.2/4.8	P N 114 4.0 H+J	33+ 221001	H524 41A	HA 2 A
SW-MO-90 1.33HP MOTOR OPERATOR SW-V-90	L200	SHC-01-5/42	A B W 437 R/9.8	P N 114 4.0 J	33+ 221001	H524 215	D7 2 A
SV-PS-11A PRESSURE SWITCH WMA-CC-51A	S382	6L-EE45-CJM4PSSX16	B B W 525 J.3/11.6	R N 110 4 3 J	33+ 256016	H524 215	E14 2 A
SV-PS-11B PRESSURE SWITCH COMP WMA-CC-51B	S382	6L-EE45-CJM4PSSX16	B B W 525 L.1/10.2	R N 110 4 3 J	33+ 256016	H524 215	H15 2 A
WEA-DPS-73A DPS FOR WEA-FH-53A	S254	7PS110V	B W 530 J.4/14.9	N 4 3 J	090001	H548 216	G2 2 A
WEA-DPS-73D DPS FOR WEA-FH-53A	S254	7PS110V	B W 528 K.5/14.5	N 4 3 J	090001	H548 216	G2 2 A
WMA-DPIS-52A DIFF PRESS IND SWITCH WMA-FL52A	D295	3002	R U 525 K.2/12.5	N 0 3	086006	H548 67	H13 2 A
WMA-DPIS-52D DIFF PRESS IND SWITCH WMA-FL52P	D295	3002	R U 525 K.2/12.5	N 0 3	086006	H548 67	H17 2 A

PROGRAM CIE-SORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO. 00040
DATE 10/01/82

EPN	DESCRIPTION	MODEL	STATUS	SEISMIC (S) PARAMETERS	TH HL TEST ANL FO C	FREQ	A/E DRAWING	A/E ZONE	
228 UNIT 1	DESCRIPTION	MODEL	BLDG ELEV	DETAIL	USE	SAFETY FUNCTION	DID	CONTRACT	LEVEL EC
UHA-DPIS-53A	DIFF PRESS IND SWITCH UHA-FL53A	D295 3002	U 525	J.2/10.5	0.3		M540 086006	H14	
UHA-DPIS-53B	AIR FILTER UHA-FL-53B DIFF. PRESS.	D295 3002	U 525	K.2/12.5	0.3		M540 086006	H6	
UHA-DPIS-53A1	DIFF PRESS INDICATING SWITCH UHA-F	D295 3002LT	U 535	H.4/12	4.0	J	M540 086004	J11	
UHA-DPIS-53A2	DIFF PRESS INDICATING SWITCH UHA-F	D295 3002LT	U 535	H.4/12	4.0	J	M540 086005	H11	
UHA-DPIS-53A3	DIFF PRESS INDICATING SWITCH UHA-F	D295 3002LT	U 535	H.4/12	4.0	J	M540 086004	H11	
UHA-DPIS-53B1	DIFF PRESS INDICATING SWITCH	D295 3002LT	U 535	L.8/10.7	4.0	J	M540 086004	J8	
UHA-DPIS-53B2	DIFF PRESS INDICATING SWITCH	D295 3002LT	U 535	L.8/10.7	4.0	J	M540 086005	H8	
UHA-DPIS-53B3	DIFF PRESS INDICATING SWITCH	D295 3002LT	U 535	L.8/10.7	4.0	J	M540 086004	H8	
UHA-DPIS-52A	AIR FILTER UHA-FL-52A DIFF PRESS	D295 1630-1	U 530	J.4/11.4	0.3		M540 090002	H13	
UHA-DPIS-52B	AIR FILTER UHA-FL-52B DIFF PRESS	D295 1630-1	U 530	K.8/11.4	0.3		M540 090002	H7	
UHA-DPIS-53A	AIR FILTER UHA-FL-53A DIFF PRESS	D295 1630-1	U 530	J.4/10.5	0.3		M540 090002	H14	
UHA-DPIS-53B	AIR FILTER UHA-FL-53B DIFF PRESS	D295 1630-1	U 530	K.8/12.2	0.3		M540 090002	H6	
UHA-EHC-51A	ELECTRIC HEATING COIL	B392 XS127321255	U 525	J.4/11.4	4.3	J	M540 109004	G11	
UHA-EHC-51B	ELECTRIC HEATING COIL	B392 XS127321255	U 525	K9/10.5	4.3	J	M540 109004	G9	
UHA-EHC-52A	ELECTRIC HEATING COIL	B392 XS127321257	U 525	J.4/11.4	4.3	J	M540 109004	G12	
UHA-EHC-52B	ELECTRIC HEATING COIL	B392 XS127411710	U 525	K.0/11.4	4.3	J	M540 109006	G8	
UHA-EHC-53A	ELECTRIC HEATING COIL	B392 XS127411157	U 525	J.4/10.5	4.3	J	M540 109005	G14	
UHA-EHC-53B	ELECTRIC HEATING COIL	B392 XS127321259	U 525	K.8/12.2	4.3	J	M540 109004	G6	

EPN	MFG	MODEL	STATUS S E	SEISMIC (S) PARAMETERS TH HL TEST ANL FO C	FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
DESCRIPTION		BLDG ELEV.	DETAIL	USE	SAFETY FUNCTION	Q10	
UHA-HU-55A ELECTRIC HUMIDIFIER	T166	C10053	R	N		M548 177001 216	F11 2 A
UHA-HU-55A ELECTRIC HUMIDIFIER			U 527 J.5/12.6	0 3		M548	F11 1 A
UHA-HU-55B ELECTRIC HUMIDIFIER	J105	C10053	R	N		M548 177001 216	F9 2 A
UHA-HU-55B ELECTRIC HUMIDIFIER 55B COMPOSITE			U 527 K.1/10.5	0 3		M548	F9 2 A
UHA-HU-55A HUMIDIFIER UHA-HU-55A LEVEL LOC-AL	C332	MC120	R B	F N		M548 207008 216	G11 Y 2 A
UHA-HU-55B HUMIDIFIER UHA-HU-55B LEVEL LOC-AL	C332	MC120	R B	F N		M548 207008 216	G9 2 A
UHA-H-FL/52A 1/6HP/5.9A DR MOTOR FOR UHA-AH-52A	V136	VU47-597-16	R B	F N		M548 213047 67	H12 2 A
UHA-H-FL/52B 1/6HP/5.9A DR MOTOR FOR UHA-AH-52B	V136	VU47-597-16	R B	F N		M548 213047 67	H13 2 A
UHA-H-FL/53A 1/6HP/5.9A DR MOTOR FOR UHA-AH-53A	V136	VU47-597-16	R B	F N		M548 213047 67	H8 2 A
UHA-H-FL/53B 1/6HP/5.9A DR MOTOR FOR UHA-AH-53B	V136	VU47-597-16	R B	F N		M548 213047 67	H7 2 A
UHA-HS-55A MOISTURE SEPARATOR	A270	HT0239295	R D	N		M548 223002 216	F10 2 A
UHA-HS-55B UHA-SERVICE HEADER MOIST. LOC-AL	A270	HT0239295	R D	N		M548 223002 216	F9 2 A
UHA-SPV-54A 172 SOLEN DELUGE VALVE ASSEMBLY	A618	821002	R B	N		M548 315006 18	E3 2 A
UHA-SPV-54B 172 SOLEN DELUGE VALVE ASSEMBLY	A618	821002	R B	N		M548 315006 18	C3 2 A
UHA-TIC-11A SSO OUTLET CONTROL	L8212	54-8134-8170-81	R B	N		M548 341002 216	D10 2 A
UHA-TIC-11B SSO OUTLET CONTROL	L8212	54-8134-8170-81	R B	N		M548 341002 216	D9 2 A
UHA-TS-54A2 CTRL OF UHA-SPV-54A (INIT DV ASRLY)	FOR1	18021-0	R B	N		M548 355004 18	H12 2 A
UHA-ENC-54A ELECTRIC HTR FOR ENERC FLT UNIT 54A	R392	S017591470	R B	N		M548 109001 216	J11 2 A

PROGRAM CIE-SQRT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
WNP-2 CLASS 1E EQUIPMENT LISTPAGE NO 00042
DATE 10/01/82

EPN	DESCRIPTION	MODEL	BLDG. ELEV.	STATUS S E	SEISMIC (S) PARAMETERS TM HL TEST ANL FO C	FREQ	A/E DRAWING	A/E ZONE
				DETAIL	USE	SAFETY FUNCTIONS	CONTRACT	LEVEL EC
WOA-EHC-54B	B392	S01759147A	B.D	D.H.	121	33+	M548	J9
ELECTRIC HTR FOR EMERG ELT UNIT 54B			W 535	L7/11.1	4 0	J	109001	216
WOA-EHO-51A	1206	NH9666602E1L42	B.D	P.H.	121	03	33+	M548
EH OPERATOR FOR WOA-V-51A			W 530	K.1/14.6	4 3	J	110002	216
WOA-EHO-51B	1206	NH9666602E1L42	B.D	P.H.	121	03	33+	M548
EH OPERATOR FOR WOA-V-51B			W 530	K.2/14.8	4 3	J	110002	216
WOA-EHO-51C	1206	NH9666602E1L41	B.D	P.H.	121	03	33+	M548
EH OPERATOR FOR WOA-V-51C			W 530	K.2/14.7	4 3	J	110002	216
WOA-EHO-51D	1206	NH9666602E1L41	B.D	P.H.	121	03	33+	M548
EH OPERATOR FOR WOA-V-51D			W 530	K.1/14.6	4 3	J	110002	216
WOA-EHO-51E	1206	NH9666602E1L41	B.D	P.H.	121	03	33+	M548
EH OPERATOR FOR WOA-V-51E			W 530	K.2/14.7	4 3	J	110002	216
WOA-EHO-52A	1206	NH9666602E1L42	B.D	P.H.	121	03	33+	M548
EH OPERATOR FOR WOA-V-52A			W 531	K.1/14.6	4 3	J	110002	216
WOA-EHO-52B	1206	NH9666602E1L42	B.D	P.H.	121	03	33+	M548
EH OPERATOR FOR WOA-V-52B			W 531	K.2/14.8	4 3	J	110002	216
WOA-EHO-52C	1206	NH9666602E1L41	B.D	P.H.	121	03	33+	M548
EH OPERATOR FOR WOA-V-52C			W 531	K.2/14.7	4 3	J	110002	216
WOA-EHO-52D	1206	NH9666602E1L41	B.D	P.H.	121	03	33+	M548
EH OPERATOR FOR WOA-V-52D			W 531	K.1/14.6	4 3	J	110002	216
WOA-EHO-52E	1206	NH9666602E1L41	B.D	P.H.	121	03	33+	M548
EH OPERATOR FOR WOA-V-52E			W 531	K.1/14.7	4 3	J	110002	216
WOA-HS-54A	A270	MT0232295	B	H			M548	J11
MOISTURE SENSOR FOR WMA-AD-54A1			W 535	H.6/12.5	4 0	J	223001	216
WOA-HS-54B	A270	MT0232295	B	H			M548	J8
MOISTURE SENSOR FOR WMA-AD-54B1			W 535	L.7/11.1	4 0	J	223001	216
WOA-RE-31A	K020	KSC/BS	P.D	H			M548	K14
REMOTE INTAKE RAD DETECTOR			W 525	K/11.5	4 3	J	277003	92B
WOA-RE-31B	K020	KSC/BS	P.B	H			M548	K6
REMOTE INTAKE RAD DETECTOR			W 525	K/11.5	4 3	J	277003	92B
WOA-RE-32A	K020	KSC/BS	P.B	H			M548	K14
REMOTE INTAKE RAD DETECTOR			W 525	K.2/11.8	4 3	J	277003	92B
WOA-RE-32B	K020	KSC/BS	P.B	H			M548	K6
REMOTE INTAKE RAD DETECTOR			W 525	K.2/11.8	4 3	J	277003	92B

EPN	MFG	MODEL	STATUS S E	***SEISMIC (S) PARAMETERS*** TM HL TEST ANL FO C USE SAFETY FUNCTION	FREQ QTD	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
DESCRIPTION	BLOG ELEV	DETAIL					
E-IR-21+ SPRAY POND A IR	J035	IR-21	A A	F M 121 01 4 3 H	24+ M584 185002 58	H13 1 P	
E-IR-22+ SPRAY POND B IR	J035	IR-22	A A	F M 121 01 4 3 H	24+ M584 185002 58	J6 1 P	
E-IR-24+ HPLS SW INSTR RACK DIV III	J035	IR-24	A A	F M 121 01 4 0 H	24+ M584 185002 58	H13 1 P	
E-IR-25+ SPRAY POND B SW IR	J035	IR-25	A A	F M 121 01 4 3 H	24+ M584 185002 58	J5 1 P	
E-IR-26+ SPRAY POND A SW IR	J035	IR-26	A A	F M 121 01 4 0 H	24+ M584 185002 58	J12 1 P	
E-PP-7AB+ LH OILY/100 LBS PUMP	S345	NH10	A D	W M 127 4 3 H	14 E503/6 252001 218	C5 1 P	
E-PP-7AG+ LH OILY/100 LBS PUMP	S345	NH00	A D	W M 127 4 3 H	14 E508/3 252003 218	J6 1 P	
E-PP-8AB+ LH OILY/100 LBS PUMP	S345	NH10	A	W M 127 4 3 H	14 E503/6 252001 218	B15 1 P	
E-PP-8AG+ STDBY SERVUTRIPHOUSE 1B PWR PNL	S345	A12-05571-2A1	A	W M 127 4 3 H	14 E508/3 252003 218	J6 1 P	
E-TR-7AF S W P HILL DISTRICT TRANS	S258	CAT. 15T68F-SPL	G D	R M 121 4 3 H	08 E727 349006 218	B6 2 A	
E-TR-8AF STDBY SERVUTRIPHOUSE 1B DISTRICT	S258	134885-2	G D	F M 121 4 0 H	08 E727 349009 218	B9 2 A	
HCES-M-2 60HP 77A MOTOR FOR HPES-P42	G080	5K6257XH672A	D N	N 4 0 C	M524 213031 02E22	H5 2 A	
POA-DPS-2A AIR FAN POA-FN-2A DIFF. PRESS. LOC	S254	7PS110W	R D	U M 4 3 J	M551 090004 216	K9 2 A	
POA-DPS-2B AIR FAN POA-FN-2B DIFF. PRESS. LOC	S254	7PS110W	R D	U M 4 3 J	M551 090004 216	D13 2 A	
POA-TIS-1A AIR TO FAN POA-FN-2A LOCAL	U075	SR00-4ABS	R D	U M 4 3 J	M551 342004 216	J8 2 A	
POA-TIS-1B OUTSIDE AIR TO AIR FAN POA-FN-2B	U075	SR00-4ABS	R D	U M 4 3 J	M551 342004 216	D13 2 A	
POA-TIS-2A HPES SERVICE WATER PUMP AREA TEMP.	P129	A19	R D	U M 4 3 J	M551 342003 216	J9 2 A	
POA-TIS-2B AIR FAN POA-FN-2B TEMP. CONTROL LO	P129	A19	R D	U M 4 3 J	M551 342003 216	C13 2 A	

EPH	MFG	MODEL	STATUS S E	***SEISMIC (S) PARAMETERS*** TH HL TEST ANL FO C	FREQ	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
DESCRIPTION	BLDG	ELEV	DETAIL	USE	SAFETY FUNCTION	QID	
PRA-DPS-1A	S254	7PS110W	R D	M N		M551	J10
AIR FAN COIL UNIT PRA-FC-1A DIFF.	A	446 D.4/1.1		4 3	J	090001 216	2 A
PRA-DPS-1B	S254	7PS110W	R D	M N		M551	D14
AIR FAN COIL UNIT PRA-FC-1B DIFF.	B	446		4 3	J	090001 216	2 A
SW-LTD-1A	E210	962	R D	N		M524	H4
LEVEL TRANSMITTER DET SPRAY POND A	A	431 PUMP POOL		4 3	C,E,F,H,I,J	210001 58	2 A
SW-LTD-1B	E210	962	R D	N		M524	E4
LEVEL TRANSMITTER DET SPRAY POND B	B	431 C/2.1		4 3	C,E,F,H,I,J	210001 58	2 A
SW-LTD-1C	E210	962	R D	N		M524	E3
LEVEL TRANSMITTER DET SPRAY POND B	B	431 C.0/2.1		4 3	C,E,F,H,I,J	210001 58	2 A
SW-LTD-1D	E210	962	R D	N		M524	H4
LEVEL TRANSMITTER DET SPRAY POND A	A	431 C/2.1		4 3	C,E,F,H,I,J	210001 58	2 A
SW-M-1A	G082	SK6348X76A/6348P47	R H	N		M524	J4
1750HP/222A MOTOR FOR SW-P-1A	A	449 B.3/1.8		4 3	C,E,F,H,J	213034 23	2 A
SW-M-1B	G082	SK6348X76A/6348P47	R H	N		M524	F4
1750HP/222A MOTOR FOR SW-P-1B	B	448 B.4/1.9		4 3	C,E,F,H,J	213034 23	2 A
SW-MO-12A	L200	SMB-1-40/156	A B	P N	114	33+ M524	J3
2.66HP MOTOR OPERATOR SW-V-12A	A	437 C.1/2.1		4 0	C,E,F,H,J	221001 41A	2 A
SW-MO-12B	L200	SMB-1-40/156	A B	P N	114	33+ M524	F3
2.66HP MOTOR OPERATOR SW-V-12B	B	438 C.1/1.3		4 0	C,E,F,H,J	221001 41A	2 A
SW-MO-29	L200	SMB-000-2/P40	A R	P N	114	33+ M524	J6
0.5HP MOTOR OPERATOR SW-V-29	A	443 B.3/2.3		4 0	H,J	221001 215	2 A
SW-MO-2A	L200	SMB-00-10/L56	A B	P N	114	33+ M524	J5
2.0HP MOTOR OPERATOR SW-V-2A	A	445 B.3/2.6		4 3	C,E,F,H,J	221001 215	2 A
SW-MO-2B	L200	SMB-00-10/L56	C R	P N	114	33+ M524	06
MOTOR OPERATOR SW-V-2B	B	444 B.6/2.8		4 3	C,E,F,H,J	221001 215	2 A
SW-MO-69A	L200	SMB-1-40/156	A B	P N	114	33+ M524	J3
2.66HP MOTOR OPERATOR SW-V-69A	A	437 C.5/1.6		4 3	C,E,F,H,J	221001 41A	2 A
SW-MO-69B	L200	SMB-1-40/156	A B	P N	114	33+ M524	F3
2.66HP MOTOR OPERATOR SW-V-69B	B	437 C.3/2.0		4 3	C,E,F,H,J	221001 41A	2 A
SW-MO-70A	L200	SMB-1-40/156	A B	P N	114	33+ M524	J3
2.66HP MOTOR OPERATOR SW-V-70A	A	437 C.5/2.1		4 3	C,E,F,H,J	221001 41A	2 A
SW-MO-70B	L200	SMB-1-40/156	A B	P N	114	33+ M524	F3
2.66HP MOTOR OPERATOR SW-V-70B	B	431 C.4/2.8		4 3	C,E,F,H,J	221001 41A	2 A
SW-PS-1A	M235	DAW-7033-R04-RG	R D	F N		M524	J5
SERVICE WATER PUMP 1A DISCH 1R-21	A	445 B.9/2.8		4 3	C,E,F,H,J	256011 58	2 A

[illegible][illegible]

EPN	MFG DESCRIPTION	MODEL	BLDG. ELEV	STATUS S E DETAIL	***SEISMIC (S) PARAMETERS***				FREQ DID	A/E DRAWING CONTRACT	A/E ZONE LEVEL EC
					TM	HL	TEST	ANL	FO		
					USE		SAFETY	FUNCTION			
MS-PS-15A	B070	B1T-M12SS-GE		A H	W	H				M502	H14
MAIN STM LINE A PRESS TO RPS-1R-10			T 471 C4/6.3		4	0	B1,F		256002	02B22	2 A
MS-PS-15B	B070	B1T-M12SS-GE		A H	W	H				M502	G14
RPS LO STM PRESS LINE B 1R-11			T 471 B5/6.3		4	0	B1,F		256002	02B22	2 A
MS-PS-15C	B070	B1T-M12SS-GE		A H	W	H				M502	J14
RPS LO STM PRESS LINE C 1R-10			T 471 C4/6.3		4	0	B1,F		256002	02B22	2 A
MS-PS-15D	B070	B1T-M12SS-GE		A H	W	H				M502	K14
MAIN STM LINE D PRESS TO RPS-1R-11			T 471 B5/6.3		4	0	B1,F		256002	02B22	2 A
MS-PS-56A	B070	D2T-M1ASS		B H	N	14	00		33+	M502	G12
CONDENSER VACUUM-MSIV-LOCAL			T 501 C8/12.8		4	0	B1,F		256018	58	2 A
MS-PS-56B	B070	D2T-M1ASS		B H	N	14	00		33+	M502	G12
CONDENSER VACUUM-MSIV-LOCAL			T 501 C8/12.9		4	0	B1,F		256018	58	2 A
MS-PS-56C	B070	D2T-M1ASS		B H	N	14	00		33+	M502	G9
CONDENSER VACUUM-MSIV-LOCAL			T 501 C8/12.8		4	0	B1,F		256018	58	2 A
MS-PS-56D	B070	D2T-M1ASS		B H	N	14	00		33+	M502	G9
CONDENSER VACUUM-MSIV-LOCAL			T 501 C8/12.9		4	0	B1,F		256018	58	2 A
RPS-POS-6A	H015	SL-2		B D						2-14-1206	
POSITION SW TURBINE STOP VLV			T 501 C4/7.5		4	3	A			02C72	2 A
RPS-POS-6B	H015	SL-2		B D						007E1781C/	6C8
POSITION SW TURBINE STOP VLV			T 501 B8/75		4	3	A			02C72	2 A
RPS-PS-5A	B074	TC9622-3		B D	N	14	00		50	007E1781C/	6C6
TCV FAST CLOSURE 250-3000 PSIG			T 471 D/5		4	0	A		256006	220	2 A
RPS-PS-5B	B074	TC9622-3		B D	N	14	00		50	007E1781C/	7C6
TCV FAST CLOSURE 250-3000 PSIG			T 471 D/5		4	0	A		256006	220	2 A
RPS-PS-5C	B074	TC9622-3		B D	N	14	00		50	007E1781C/	6J6
TCV FAST CLOSURE 250-3000 PSIG			T 471 D/5		4	0	A		256006	220	2 A
RPS-PS-5D	B074	TC9622-3		B D	N	14	00		50	007E1781C/	7J6
TCV FAST CLOSURE 250-3000 PSIG			T 471 D/5		4	0	A		256006	220	2 A

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