

RESOLUTION NO. 224

WHEREAS, The Energy Facility Site Evaluation Council (Council) contracts with the Washington State Department of Labor and Industries (L&I) to provide electrical inspection services at WNP-2 for compliance monitoring; and

WHEREAS, On October 26, 1983, the L&I electrical inspector at WNP-2 issued Reports of Inspection (ROIs) citing electrical installations and equipment at four working areas as apparent violations of the National Electrical Code (NEC); and

WHEREAS, L&I and the Supply System were unable to satisfactorily resolve the problems cited in the ROIs; and

WHEREAS, Both parties agreed to refer the ROIs to the Council in accordance with the resolution procedure set forth in the contract for addressing unresolved problems between L&I and the Supply System; and

WHEREAS, The Council has reviewed the alleged violations with the parties and inspected the facilities and finds that the electrical installation and equipment situations cited by L&I for noncompliance do exist and certain steps are necessary to correct these problems.

NOW, THEREFORE, BE IT RESOLVED, That the Energy Facility Site Evaluation Council makes the following compliance determinations and directs the Washington Public Power Supply System to implement the corrective actions outlined below at the four working areas cited by L&I to bring them into compliance:

1. Well No. 2 Water Treatment House and Pump House - The present configuration of this building is not in compliance with safe working space codes. Due to the life threatening situations that exist in this building, the Supply System is directed to:
 - a. Redesign the facility, to include rerouting of wiring and piping, to bring the building into compliance with appropriate electrical and working clearance codes; and
 - b. Within sixty days, provide the Council with a plan and time schedule for bringing this facility into compliance.

2. Supply System Warehouse 11, Bechtel Carpenter Shop - The use of this building as a carpenter shop classifies this area as a Class III, Division 2 hazardous location under Article 503 of the NEC. The existing wiring and equipment does not meet the more stringent standards for classified locations. The Supply System has advised the Council that it is a temporary facility that they intend to shut down and move into another building. The Supply System is ordered to:
 - a. Cease using this facility as a carpenter shop within sixty days;
 - b. Take such steps as are necessary to ensure a reasonably safe working area during the interim; and
 - c. Provide plans of the new shop area, that incorporate hazardous location electrical standards into the design, to the Council within sixty days for review.

3. Supply System Carpenter Shop (Building 75) - While the use of this building as a combined machine/woodworking shop may make this area a hazardous location, there may be some modifications to the existing structure or equipment available that would bring the facility into compliance. The Supply System is therefore directed to:
 - a. Examine the shop's activities and equipment to determine if additional measures, i.e., exhaust/ventilation systems, could be installed to correct the existing deficiencies;
 - b. Meet requirements for safe working clearances and flexible cord usage in this facility; and
 - c. Within sixty days, submit a plan to upgrade this facility to the Council for review and approval.

4. Power Block Machine Shop - The problem of working space clearance and access to several electrical power panels because of their proximity to floor transformers presents a potentially hazardous condition that requires attention. The other problems cited involving access to other lighting and power panels and local disconnects and the use of flexible cord can be corrected through administrative actions. The Supply System is directed to:
 - a. Within sixty days, prepare a plan for Council review to insulate or provide adequate protective measures for conduits and floor transformers in the vicinity of the facility's power panels;
 - b. Provide adequate access to switchboxes, disconnects and panels in the building;
 - c. Cease storage in areas and correct piping problems, i.e., pneumatic connector pipes, that prevents safe and immediate access to electrical equipment;
 - d. Replace flexible cord with conduit or cease to use; and
 - e. Conduct periodic inspections of this facility by plant safety personnel to ensure that adequate access to electrical equipment is provided.

Dated this 26th day of November 1984.

Washington State Energy Facility Site
Evaluation Council

By



Nicholas D. Lewis
Chairman

ATTEST:

BY



William L. Fitch
Executive Secretary