U. S. NUCLEAR REGULATORY COMMISSION
OFFICE OF INSPECTION AND ENFORCEMENT

REGION V

Report No. 50-344/81-14

Docket No. 50-344 License No. NPF-1 Safeguards Group _____

Licensee: Portland General Electric Company

121 S. W. Salmon Street

Portland, Oregon 97204

Facility Name: Trojan

Inspection at: Rainier, Oregon

Inspection conducted: May 13-20, 1981

Inspectors: _____ 6/3/81
J. D. Carlson, Reactor Inspector Date Signed

_____ _____
Date Signed

Approved by: _____ 6/3/81
D. M. Sternberg, Chief Date Signed
Reactor Projects Section 1

Summary:

Inspection on May 13-20, 1981 (Report No. 50-344/81-14)

Areas Inspected: Routine, unannounced inspection of Preparations for Refueling; Refueling Activities; Pump and Valve Inservice Inspection and Bulletin/Circular followup. The inspection involved 52 inspector hours onsite by one NRC inspector.

Results: No deviations or items of noncompliance were identified.

RV Form 219 (2)

DETAILS

1. Persons Contacted

*C. P. Yundt, General Manager
*R. P. Barkhurst, Manager, Operations and Maintenance
*J. D. Reid, Manager, Plant Services
*C. A. Olmstead, Manager, Technical Services
*K. R. Sager, QA Supervisor
*R. P. Schmitt, Engineering Supervisor
*H. Moomey, Oregon DOE
*B. Dixon, Oregon DOE

The inspector also interviewed other licensee employees during the course of the inspection. These included plant staff, engineers and licensed operators.

*Present at Exit Interview.

2. Preparations for Refueling

The inspector completed the review of licensee preparations for refueling. The inspection was conducted in two phases: 1) receipt of new fuel and 2) review of refueling and fuel inspection procedures. The senior resident inspector conducted the review of new fuel receipt and storage (see report no. 50-344/81-08). The project inspector reviewed the following procedures and verified they were consistent with the criteria of ANSI N18.7-1976:

FHP T-12: Refueling Procedure for Cycle III-IV
FHP T-13: Spent Fuel Inspection Procedure for Cycle III-IV

Additionally, the inspector verified an NRR approved technical specification change describing the revised core physics/design parameters was issued for Cycle IV.

No items of noncompliance or deviations were identified.

3. Refueling Activities

Prior to actual fuel handling, the inspector verified all surveillance testing required by technical specifications was completed and the results were satisfactory for commencing fuel handling operations. Additionally, the inspector verified all prerequisites were completed prior to actual fuel movement. During the actual fuel handling operations, the inspector witnessed two shifts of fuel movement operations in containment and spent fuel pool area. The inspector verified periodic testing required by technical specifications was being conducted, containment integrity was being maintained, housekeeping was adequate, and licensee's shift staffing was correct.

No items of noncompliance or deviations were identified.

4. Followup on TMI Committments

Based on discussion with the licensee and review of the licensee requalification training program, the inspector verified NUREG-0737 requirements were implemented as follows: I.A.2.1 Modify Training (closed): Item C.1, C.2 and C.3 of Enclosure 1 require the licensee's requalification program to be modified to include: 1) training in heat transfer, fluid flow, thermodynamics, and mitigation of accidents involving a degraded core, 2) modifying the criteria for passing to require 80% overall and 70% each category, 3) additional control manipulation criteria.

No items of noncompliance or deviations were identified.

5. Pump and Valve Inservice Inspection (ISI)

The inspector reviewed the licensee's program for Inservice Testing for Pumps and Valves that was submitted in 1979 and approved on an interim basis by an NRR letter on June 10, 1980. Subsequently, the licensee's program has been given full approval by issuance of amendment 61 to the technical specifications on May 8, 1981. The inspector commenced the review of the program implementation procedures. The Residual Heat Removal (RHR) Pump ISI Procedure was reviewed against the licensee's program and the ASME Code Chapter XI, Section IWP criteria. Results of the review were satisfactory. The inspector attempted to review the implementation procedure for the ISI testing for the RHR system valves. It was determined the implementation of the valve testing program had not been completed. The procedures had been prepared and were awaiting the Plant Review Board approval. In the exit interview, the licensee commited to fully implement the Pump and Valve ISI Program by July 1, 1981 (81-14-01).

No items of noncompliance or deviations were identified.

6. Exit Interview

The inspector met with the licensee's representatives denoted in paragraph 1 on May 20, 1981. The scope and findings of the inspection were discussed.