



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

JE Files

IE HQ FILE COPY

JUL 29 1982

Washington Public Power Supply System  
ATTN: Mr. G. D. Bouchey, Deputy Director  
Safety and Security  
Nuclear Safety, WPN-1  
3000 George Washington Way  
Richland, WA 99352

Gentlemen:

This refers to the inspection conducted by the NRC inspection team identified in the enclosure, during the period of December 21-23, 1981 and January 12-13, 1982 of your activities being performed relative to the environmental qualification of safety-related electrical equipment. This inspection was performed at East-West Technology, Inc. Laboratories, West Babylon, Long Island, New York on the LOCA and POST-LOCA tests performed on the Target Rock Solenoid operated valves.

The enclosed copy of our inspection report identifies the areas examined during the inspection and the observations derived during the review of the test plans used for qualification of the Target Rock solenoid operated valve.

The results of our review of these tests indicate that additional information is required before a finding of conformance to guidelines of IEEE 323-1974 and NUREG-0588 can be made. As you know, the test was terminated on its 38th day of the intended 100 days POST-LOCA functional test following failure of the valve to respond to an open signal. From the witnessing of the test during its initial conduct, we have observed that the inadequacy of instrumentation during test set-up, the lack of recording equipment to document the required test data and failures of test facility equipment were the causes of several test interruptions. These discrepancies were included as comments during the review of the original test plan at Richland.

It is NRC's understanding that the East-West Technology, Inc. Laboratories Quality Assurance Program had not been audited to assure conformance to 10 CFR 50, Appendix B by either WPPSS or United Engineers Constructors prior to the awarding of this test contract. In addition, it appears that there were no follow-up actions by WPPSS regarding NRC comments on test performance or facility qualification for the test program, which is contrary to the requirements of 10 CFR 50, Appendix B.

In accordance with 10 CFR 2.790 of the Commission's regulations, a copy of this letter and the enclosed inspection reports will be placed in the NRC's Public Document Room. If this report contains any information that you

8209280441 820729  
PDR QA999 EUTWPPS  
99900906 PDR

Mr. G. D. Bouchey

2

Section 2.790(b)(1), any such application must be accompanied by an affidavit executed by the owner of the information which identifies the document or part sought to withheld, and which contains a full statement of the reasons on the basis which claimed that the information should be withheld from public disclosure. The section further requires the statement to address with specificity the considerations listed in 10 CFR 2.790(b)(4). The information sought to be withheld shall be incorporated as far as possible into a separate part of the affidavit. If we do not hear from you in this regard within the specific periods noted above, the report will be placed in the Public Document Room.

Should you have any questions concerning this inspection, we will be pleased to discuss them with you.

Sincerely,

Original signed by:  
Robert Heishman

R. F. Heishman, Acting Chief  
Reactor Construction Programs Branch  
Division of Reactor Programs  
Office of Inspection and Enforcement

Enclosure:  
Inspection Report No. 999000906/8201

bcc w/ enclosure:

- J. M. Taylor, IE
- R. C. DeYoung, IE
- J. H. Sniezek, IE
- E. L. Jordan, IE
- W. V. Johnson, NRR
- G. W. Reinmuth, IE
- Z. Rosztoczy, NRR
- M. W. Peranich, IE
- R. G. LaGrange, NRR
- D. D. Reiff, NRR
- S. Phillips, RIV
- U. Potapovs, RIV
- J. Collins, RIV
- J. R. Agee, RIV
- N. B. Le, IE
- R. H. Engelken, RV
- Reg. I, II, III, & V
- PDR
- LPDR
- TIC
- IE Files ✓
- Central

IE Reading  
RP Reading  
RCPB Chron  
NBLe

WPU:LT      RCPB:RP:IE  
7/23/82      NBLe *NSL*  
5520          7/26/82

*[Signature]*  
RCPB:RP:IE  
MPeranich  
7/26/82

*[Signature]*  
RCPB:RP:IE  
RHeishman  
7/26/82

*[Signature]*  
Reinmuth  
7/26/82

*[Signature]*  
Taylor  
7/27/82