



Washington Public Power Supply System
A JOINT OPERATING AGENCY

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May 30, 1979
G03-79-631



Nuclear Regulatory Commission, Region V
Suite 202, Walnut Creek Plaza
1990 N. California Boulevard
Walnut Creek, California 94596

Attention: Mr. G. S. Spencer
Chief Reactor Construction and
Engineering Support Branch

Subject: WPPSS Nuclear Projects 3 And 5
NRC Inspection of WNP-3 And WNP-5
Docket Numbers 50-508 And 50-509

- References: 1) Letter, R. H. Engelken to N. O. Strand,
same subject, dated January 22, 1979.
2) G03-79-346, letter, D. L. Renberger to G. S. Spencer,
same subject, dated February 26, 1979.
3) G03-79-406, letter, D. L. Renberger to G. S. Spencer,
same subject, dated March 9, 1979.

Dear Mr. Spencer:

This letter transmits additional information regarding our responses (References 2 and 3) to your letter of January 22, 1979, which discussed the results of the inspection conducted between November 13 and December 19, 1978, of activities authorized by NRC Construction Permits Nos. CPPR-154 and CPPR-155.

The additional information supplied by this letter was verbally relayed to your inspector D. F. Kirsch and elaborates upon the reference letters. The following nine items of corrective action have been implemented:

- Item 1: Requalify PTL Site Technicians - Recertification of PTL personnel was started on November 17, 1978, and was completed on December 11, 1978. An engineering analysis of concrete testing performed prior to November 17, 1978, concluded that no adverse effect on the quality of concrete placed resulted from any absence of technician certification.

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79-50



Washington Public Power Supply System

Mr. G. S. Spencer

Page 2

NRC Inspection of WNP-3 And WNP-5

Docket Numbers 50-508 And 50-509

- Item 2: Recalibration of Equipment - All testing equipment calibrated at WNP-3/5 Site was recalibrated by December 6, 1978.
- Item 3: Review of Soils Test Records - The soils testing records are not nuclear safety related.
- Item 4: Completion of Test Records - Test records for PTL field tests were reviewed by PTL and Engineering for accuracy and completeness with all undocumented nonconforming test results being resolved.
- Item 5: Review/Revision of PTL Certification and Training Program - Two separate reviews were conducted of the PTL program by PTL and WPPSS/Ebasco with the intent of strengthening the program in light of the extensive findings. Both reviews concluded that if the program remains properly implemented, it will continue to be adequate.
- No further revision to the PTL program is anticipated at this time.
- Item 6: Development of a Preventative Maintenance Program - PTL committed to a preventative maintenance program which entails a check on field equipment at the time of recalibration. The calibration procedure has been revised to include the preventative maintenance requirements and has been implemented.
- Item 7: Evaluation of Consequences of Tests Performed by Improperly Trained Personnel - An evaluation of the consequences of potentially improperly performed tests was performed by Engineering for both concrete tests and soils tests. The results of this evaluation are documented in a report which conclusively establishes by statistical means that no adverse reaction or degradation of the strength or durability of the concrete is probable.
- Item 8: Submittal of All Testing Records Within One Week - The PTL document control system was completely reorganized to preclude reports of tests being delayed by the system. The new system has been in operation since December 18, 1978, and revised for viability in May, 1979.

555142



Washington Public Power Supply System

Mr. G. S. Spencer

Page 3

NRC Inspection of WNP-3 And WNP-5

Docket Numbers 50-508 And 50-509

Item 9: PTL Corporate QA to Increase Frequency of Audits - PTL has committed to increasing the frequency of their internal audits of PTL site lab operations from once per year to once per quarter. The first audit under this program was scheduled for February, 1979, and was conducted on January 29 and 30, 1979.

In addition to the PTL Corporate QA audits, WPPSS/Ebasco QA and the Cement and Concrete Reference Laboratory (CCRL) have audited and reviewed, respectively, both PTL (site) and PTL (Seattle) operations.

In addition to the items above, the PTL Site Manager was removed from his position on November 17, 1978, and replaced by the Assistant QA Manager from the PTL Pittsburgh Office until a new Site Manager was brought in to replace him on December 11, 1978. PTL site operations administration responsibility has been removed from the Seattle District Manager and reassigned to report to the Pittsburgh QA Manager.

These actions have all been implemented and we consider the above responses satisfy the commitments in the referenced letters.

Very truly yours,

D L Renberger

D. L. Renberger
Assistant Director,
Technology

cc: D. Smithpeter - BPA

555143