

OCT 25 1982

Docket No. 50-397

Washington Public Power Supply System
P. O. Box 968
Richland, Washington 99352

Attention: Dr. R. G. Matlock
Program Director

Gentlemen:

This refers to the routine inspections conducted by Mr. J. Elin and Mr. A. D'Angelo of this office from July 26, 1982 to September 3, 1982, of activities authorized by NRC Construction Permit No. CPPR-93, and to the discussions of the findings held by Mr. Elin and Mr. D'Angelo with Dr. Matlock, Mr. Carlisle and other members of your staff on July 30, 1982, August 13, 1982, and September 3, 1982. The enclosed report supplements inspection report 50-397/82-17 for the same period.

The areas examined during these inspections were described in Inspection Report 50-397/82-17. The examination of electrical installation during this period is described in the enclosed Inspection Report 50-397/82-21.

The inspection findings indicate that regulatory requirements were violated, as set forth in the Notice of Violation, enclosed herewith as Appendix A. Additionally, it appears that several of your activities were not conducted in full compliance with your commitments to the NRC or fail to conform to the provisions of accepted industry practices which you have been encouraged to follow. These items are set forth in the Notice of Deviation, enclosed herewith as Appendix B.

The NRC is particularly concerned with the two violations (Items A and B of Appendix A of this letter) because of the very essential role they play in the execution of an effective Quality Assurance Program for construction related to the electrical installation work activity. The first violation relates to failure to provide appropriate instructions and acceptance criteria to field personnel to insure that safety related electrical installations meet the required independence from redundant safety systems, and from non-safety systems for which the requirements of 10 CFR 50, Appendix B, have not been imposed. The second violation relates to failure to incorporate applicable regulatory requirements for independence of safety related electrical systems into the Burns and Roe project criteria document. This failure indicates that these requirements may not have been properly translated into drawings, specifications, procedures, and instructions during the design process, and indicates that engineering reviews of as-built drawings may not have properly incorporated these requirements. These deficiencies indicate that deficient construction or construction of unknown quality may exist due to the failure of your Quality Assurance program to provide adequate control of design and construction activities.

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DATE	10/21/82	10/21/82	10/22/82	10/22/82	10/22/82	10/25/82	

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The NRC is also concerned that the deviations noted in Appendix B indicate a failure to conform to commitments made to the NRC in your June 18, 1981 letter (G02-81-146) concerning electrical cable separation criteria.

Your response to the Notice of Violation is to be submitted in accordance with the provisions of 10 CFR 2.201 as stated in Appendix A. You are additionally requested to provide a written explanation or statement regarding each of the items of deviation, describing corrective steps taken, the results achieved (or corrective steps that are planned), and the date when corrective action will be completed.

In accordance with 10 CFR 2.790(a), a copy of this letter and the enclosures will be placed in the NRC Public Document Room unless you notify this office, by telephone, within ten days of the date of this letter and submit written application to withhold information contained therein within thirty days of the date of this letter. Such application must be consistent with the requirements of 2.790(b)(1).

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

The responses directed by this letter and the accompanying Notices are not subject to the clearance procedures of the Office of Management and Budget as required by the Paperwork Reduction Act of 1980, PL96-511.

Sincerely,

*Original signed by
J. L. Crews*

J. L. Crews, Director
Division of Resident, Reactor Projects
and Engineering Programs

Enclosure:

1. Appendix A - Notice of Violation
2. Appendix B - Notice of Deviation
3. IE Inspection Report No. 50-397/82-21

cc w/o enclosure 3:

C. S. Carlisle, WPPSS
R. B. Glasscock, WPPSS
G. C. Sorensen, WPPSS

bcc: DMB/Document Control Desk (RIDS)

Distributed by RV:

Resident Inspector
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RHE (w/o enc 3)
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