



Washington Public Power Supply System
A JOINT OPERATING AGENCY

P. O. Box 968 3000 GEO. WASHINGTON WAY RICHLAND, WASHINGTON 99352 PHONE (509) 375-5000

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

GO-1-80-347
November 6, 1980

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



Gentlemen:

Subject: WPPSS NUCLEAR PROJECTS NOS. 1/4
NRC INSPECTION - WNP-1/4
DATES OF INSPECTION - August 26-29, September 9-12, 1980
DOCKET NOS. 50-460 AND 50-513
CONSTRUCTION PERMIT NOS. CPPR-134 AND -174

Reference: Letter from G. S. Spencer to R. L. Ferguson, NRC Inspection
at WNP-1/4 Site, dated October 7, 1980.

The referenced correspondence delineated the results of the August 26-29 and September 9-12 1980 inspections of activities authorized by NRC Construction Permits Nos. CPPR-134 and -174. Further, the referenced correspondence identified certain activities which were not conducted in full compliance with PSAR requirements set forth in the Notice of Violation enclosed as Appendix A. These items of non-compliance have been categorized into a level as described in your correspondence to all NRC licensees dated December 31, 1974.

This letter is submitted in response to the referenced correspondence. The specific NRC findings, as identified, and the Supply System response is provided herewith as Appendix A.

Very truly yours,

D. W. Mazur
WNP-1/4 Program Director

DWM:SL:pm
Enclosure (1)

cc: JR Lewis - BPA
CR Bryant - BPA
V. Mani - UE&C, Phil.
V. Stello - Director of Inspection and Enforcement - NRC

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APPENDIX A

Nuclear Regulatory Commission
Region V
Suite 202, Walnut Creek Plaza
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Docket No. 50-460
Construction Permit No. CPPR-134

NOTICE OF VIOLATION

Based on the results of NRC inspections conducted during the period of August 26-29 and September 9-12, 1980, it appears that certain of your activities were not conducted in full compliance with conditions of your NRC Construction Permit No. CPPR-134 as indicated below:

- A. 10 CFR 50, Appendix B, Criterion V, as implemented by Section 17.1.5 of the quality assurance program documented in the PSAR and the WPPSS QA Program Manual Procedure QAP-2, Paragraph 3.1, states, in part, that "Activities affecting quality shall be prescribed by documented instructions, procedures or drawings, of a type appropriate to the circumstances and shall be accomplished in accordance with these instructions, procedures or drawings...."

Detail drawing no. DHRX-35 (WPPSS drawing no. 9779-F-412030, Revision 3) for pipe spool DHR 412030-2 of the decay heat removal system specified 5/16" fillet welds for the attachment of eight pipe stop blocks to the spool piping.

Contrary to the above, on August 27, 1980, two welds attaching two pipe stop blocks to the pipe were 1/4" fillet welds. These welds had been inspected and accepted by the vendor (B. F. Shaw) on April 24, 1980.

This is an infraction.

SUPPLY SYSTEM RESPONSE

Corrective Action Taken and Results Achieved

On August 28, 1980, Project Quality Assurance performed an inspection of the pipe spool in question. Six of eight lugs were found to be undersized. This condition was documented on I-NCR-137-190.

On September 2, 1980 additional surveillance was performed on a random sample of fifty-four (54) pipe spools for identification of similar conditions. Of this sample, no spools with lugs were found in the lay-down area.

Additionally, thirty drawings were checked on site to identify other pipe spools which have shop-welded lugs. Five such drawings were found, having a total of fifteen pipe spools identified as having shop welded lugs. A search of CMCP (Coordinated Material Control Program) revealed that none of the fifteen spools has been received on site.

Action Taken to Preclude Recurrence

This condition is extremely isolated and will be corrected in accordance with the disposition of 1-NCR-137-190. UE&C Engineering is currently evaluating this condition.

NOTICE OF VIOLATION

- B. 10 CFR 50, Appendix B, Criterion V, as implemented by Section 17.1.5 of the quality assurance program documented in the PSAR and the WPPSS QA Program Manual Procedure QAP-2, Paragraph 3.1, states, in part, that "Activities affecting quality shall be prescribed by documented instructions, procedures or drawings, of a type appropriate to the circumstances and shall be accomplished in accordance with these instructions, procedures or drawings...."

Procedure No. FGCP-48, Revision 0 (Corrective Maintenance Management), specifies in paragraph 5.0 that "All maintenance performed under the Maintenance Management Program will be accomplished by Maintenance Work Request." This procedure is applicable to repair or modification work required on prepurchased material.

Contrary to the above, during the period August 26-27, 1980, five arc strikes were removed from pipe spool no. DHR-412030-2 without using a Maintenance Work Request to authorize the work. Additionally, no records were provided to document the methods used to remove the arc strikes nor examine the repaired areas. This pipe spool is prepurchased material for the decay heat removal system.

This is an infraction.

SUPPLY SYSTEM RESPONSE

Action Taken and Results Achieved

This condition was documented on a Corrective Action Request (1-CAR-257-12).

A nonconformance report (1-NCR-CM-382) has been written documenting the fact that the arc strikes were removed without authorization and subsequent NDE exam by liquid penetrant. An FCN will be generated to JA Jones to perform and document required NDE on the affected areas.

Action Taken to Preclude Recurrence

JA Jones has an approved procedure (JAJ-WI-030) for Weld and Base Metal Repair.

Although JA Jones does not admit fault in this incident and it cannot be determined how the arc strikes were removed due to the labor dispute in force at the time, JA Jones has committed to provide indoctrination of affected personnel upon return of the crafts to emphasize the necessity of proper authorization of work and subsequent documentation.