



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
101 MARIETTA STREET, N.W.
ATLANTA, GEORGIA 30303

Central File
50-438
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OCT 27 1978

In Reply Refer To:

RII:PKV

50-438/78-16

50-439/78-16

Tennessee Valley Authority
ATTN: Mr. N. B. Hughes
Manager of Power
830 Power Building
Chattanooga, Tennessee 37401

Gentlemen:

Thank you for your letter of October 12, 1978, informing us of steps you have taken to correct the item of noncompliance concerning activities under NRC Construction Permit No. CPPR-122 brought to your attention in our letter of September 21, 1978. We will examine your corrective actions and plans during subsequent inspections.

We appreciate your cooperation with us.

Sincerely,

Thomas E. London

for Charles E. Murphy, Chief
Reactor Construction and Engineering
Support Branch

cc: Mr. J. E. Gilleland
Assistant Manager of Power
830 Power Building
Chattanooga, Tennessee 37401

Mr. W. R. Dahnke, Project Manager
Bellefonte Nuclear Plant
P. O. Box 2000
Hollywood, Alabama 35752

Mr. J. F. Cox
400 Commerce Street
W9D214
Knoxville, Tennessee 37902

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TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

830 Power Building

October 12, 1978

Mr. James P. O'Reilly, Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Region II - Suite 3100
101 Marietta Street
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

BELLEFONTE NUCLEAR PLANT UNIT 1 INFRACTION 50-438/78-16-03
DEVIATION FROM SITE COMMITMENT

This is in response to C. E. Murphy's letter dated September 21, 1978, RII:PRV 50-438/78-16, 50-439/78-16, concerning activities at the Bellefonte Nuclear Plant which appeared to have been in violation of NRC regulations. Enclosed is our response to the citation.

If you have any questions regarding this matter, please get in touch with M. R. Wisenburg at FTS 854-2581.

Very truly yours,


J. E. Gilleland
Assistant Manager of Power

Enclosure

cc: Mr. John G. Davis, Acting Director (Enclosure)
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, DC 20555

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ENCLOSURE

BELLEFONTE NUCLEAR PLANT UNIT 1

INFRACTION 78-16-03

DEVIATION FROM SITE COMMITMENT

Infraction

50-438/78-16-03 Deviation from Site Commitment

Criterion V of Appendix B to 10 CFR 50, as implemented by the PSAR, Paragraph 17.1.5, requires in part, "Activities affecting quality shall be prescribed by documented instructions, procedures, ...and shall be accomplished in accordance with these instructions, procedures,..." TVA procedure QAP 2.07, Rev. 1 (in effect in March 1976) required QC inspectors to be trained and certified for each QC procedure being utilized.

Contrary to the above requirements, the following item was observed:

On August 22, 1978, during inspection of quality records for Component Cooling System Subassembly No. 0-KC-01-12, the inspector noticed a QC signoff was performed by an inspector who was not certified. Step 4 of the Manufacturer's Installation Quality Plan, a signoff in accordance with TVA procedure QCP-10.9, was signed off on March 4, 1976, by an inspector who was not certified to QCP-10.9 until April 13, 1976.

Assessment of Infraction

The inspector was not certified at the time of the infraction; however, he was under direct supervision and receiving on-the-job training. Transfer of heat numbers, which this signoff concerned, is an important step in material control but is a relatively simple operation which can be handled without difficulty with a minimum of training, though it is recognized that an uncertified inspector should not be performing this signoff.

Corrective Action Taken and Results Achieved

The subject action was reported on Quality Control Investigation Report No. 656. An investigation of the subject Manufacturer's Installation Quality Plan (MIQP) revealed that the heat number, which the uncertified inspector had signed off as being transferred correctly, was also recorded on the MIQP at the time of material issue and again on the welding record which was attached to the MIQP. Checking material certifications for this particular material heat number determined the material to be acceptable for installation.

All MIQP's and Sequence Control Charts (SCC's) already on file are now being reviewed to ensure no others have been signed by uncertified inspectors. If these records are discovered to have been signed by

uncertified inspectors, Quality Control Investigation Reports will be prepared to document and investigate the occurrence.

By the investigation described above for the specific instance, it was determined that the heat numbers were in fact transferred correctly. For those instances discovered during the review of all other MIQP's and SCC's, a similar investigation will be performed and the Quality Control Investigation Report for that particular instance will remain open until assurance can be obtained that the action signed off by uncertified personnel was in fact performed correctly.

Steps Taken to Avoid Further Recurrence

Originally, MIQP's and SCC's had not received detailed review, but have since been added to the list of QA records requiring review. This formal review is now performed by the Quality Control and Records Unit before these records are filed in the QA records vault. In addition, MEU inspection personnel have been instructed to verify their certification to the appropriate procedures prior to signoff of QA documents.

Date of Full Compliance

Bellefonte Nuclear Plant will be in compliance with the established requirements and the indicated investigation will be completed by November 15, 1978.