

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

May 19, 1980

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RECEIVED REGION II

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:

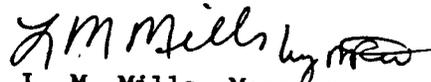
BELLEFONTE NUCLEAR PLANT UNIT 1 - DEFICIENCY 50-438/80-05-02 -
IMPROPER STORAGE OF POST TENSIONING SYSTEM COMPONENT ITEMS AND
INFRACTION 50-438/80-05-03 - FAILURE TO MAINTAIN ACCURATE QUALITY
RECORDS

This is in response to C. E. Murphy's letter dated April 24, 1980,
RII:JL 50-438/80-05, 50-439/80-05, concerning activities at the
Bellefonte Nuclear Plant which appeared to have been in violation
of NRC regulations. Enclosed is our response to the citations.

If you have any questions concerning this matter, please get in touch
with D. L. Lambert at FTS 854-2581.

Very truly yours,

TENNESSEE VALLEY AUTHORITY



L. M. Mills, Manager
Nuclear Regulation and Safety

Enclosure

cc: Mr. Victor Stello, Jr., 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
RESPONSE TO NRC DEFICIENCY
IMPROPER STORAGE OF POST TENSIONING SYSTEM COMPONENT ITEMS

Deficiency 50-438/80-05-02

As required by Criterion V of Appendix B to 10 CFR 50, implemented by FSAR paragraph 17.1A.5, "Activities affecting quality shall be prescribed by documented instructions, procedures or drawings . . . and shall be accomplished in accordance with these instructions, procedures, or drawings." Paragraph 1.2.3 of INRYCO Field Installation Procedure F 2.2 states as follows: "Components in storage will be covered with tarpaulins or plastic sheeting and secured in a reasonable manner, so as to keep the covering intact and the materials reasonably dry."

Contrary to the above, on April 2 and 3, 1980, several cases of shims and one case of anchor heads were not covered with either tarpaulins or plastic sheeting.

Corrective Action Taken and Results Achieved

TVA quality control inspectors generated reports to document and disposition this deficiency. INRYCO has since provided proper coverage of their components in storage in accordance with the INRYCO Field Installation Manual, Procedure F 2.2.

INRYCO has inspected the storage condition of all their components in storage. The results of these inspections have been documented on the INRYCO Storage Inspection Checklist.

Steps Taken to Avoid Further Recurrence

INRYCO's lead quality control inspector has been notified of this deficiency. INRYCO's inspectors will be instructed to provide a closer watch on the storage condition of the materials. This will be done in addition to the biweekly inspections of the entire storage area.

Date of Full Compliance

Bellefonte Nuclear Plant was in compliance with the established requirements as of April 4, 1980.

ENCLOSURE

BELLEFONTE NUCLEAR PLANT UNIT 1
RESPONSE TO NRC INFRACTION
FAILURE TO MAINTAIN ACCURATE QUALITY RECORDS

Infraction 50-438/80-05-03

As required by Criterion XVII of Appendix B to 10 CFR 50, implemented by FSAR paragraph 17.1A.17, "Sufficient records shall be maintained to furnish evidence of activities affecting quality."

Contrary to the above, on April 3, 1980, inspection records (tendon pulling cards) for installation of vertical tendon numbers V41, V42, V43, and V44 were completed to indicate temporary end protection had been installed prior to performance of and inspection of this work item. These incorrect records did not furnish sufficient evidence of activities affecting quality.

Corrective Action Taken and Results Achieved

TVA quality control inspectors generated reports to document and disposition this infraction. TVA has placed a "stop work" order on INRYCO's quality control work.

TVA has established a QA/QC investigation team to investigate this and other quality control problems. INRYCO's work will not be allowed to proceed until the problems identified by this investigation have been corrected.

Steps Taken to Avoid Further Recurrence

INRYCO will establish a training program, to be approved by TVA, to document and train their inspectors. The INRYCO inspectors will be trained using this program before TVA allows INRYCO to proceed with quality control work.

Date of Full Compliance

The date at which Bellefonte Nuclear Plant will be in full compliance is yet to be determined pending the outcome of the before-mentioned QA/QC investigation.

This item has been documented to NRC Region II OIE Office as TVA nonconformance report 1167 and will be reported as such. Complete documentation of corrective actions will be handled under 10 CFR 50.55(e) reports on this NCR.