



Commonwealth Edison
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March 17, 1982

Mr. James G. Keppler, Regional Administrator
Directorate of Inspection and
Enforcement - Region III
U.S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, IL 60137

Subject: Braidwood Station Units 1 and 2
I.E. Inspection Report Nos.
50-456/81-14 and 50-457/81-14
NRC Docket Nos. 50-456 and 50-457

- References (a): January 5, 1982, letter from
C. E. Norelius to Cordell Reed.
- (b): February 4, 1982, letter from
L. DelGeorge to J. G. Keppler.

Dear Mr. Keppler:

This is to provide additional information regarding the corrective actions to be taken as a result of the noncompliance identified at Braidwood in reference (a). This information supplements that provided in reference (b) regarding Violations 1 and 4.

Our response to Violation 1 erroneously indicated that an inspection had been performed to assure that all control room panels and post-accident monitoring indicators meet the specified separation requirements. The inspection that was actually performed included only the control room panels containing post-accident monitoring indicators. Other panels were not inspected because they do not utilize the separation barriers specified for this instrumentation.

Mr. R. N. Sutphin of your office has noted that our response to Violation 4 did not address all of the points of concern identified in Section III.2 of the inspection report. Specific additional information was requested regarding inspection procedures for ungreased installed tendons, the key aspects of the inspection, and the general adequacy of the data taken during the inspection.

The Napoleon procedure for tendon installation and inspection has been revised to cover the key aspects of the ungreased installed inspection specified in Sargent and Lundy procedure L-2722. Attachment A to this letter contains the portions of this procedure which address those key parameters. This revision of the procedure has been reviewed and approved by Sargent and Lundy.

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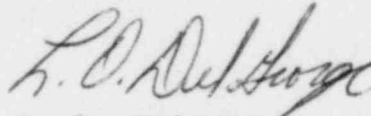
March 17, 1982

In regard to the adequacy of the inspections which were performed prior to revision of the procedure, the results of the inspections on all tendons that had been installed but not greased within 90 days have been documented in a Nonconformance Report which is being evaluated by Sargent & Lundy. A report of their evaluation will be provided by April 2, 1982.

Additional details of this work are available at Braidwood for your inspection.

Please address further questions regarding this matter to this office.

Very truly yours,

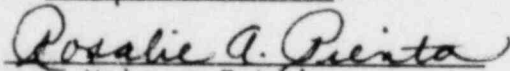


L. O. DelGeoge
Director of Nuclear Licensing

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Attachment

SUBSCRIBED and SWORN to
before me this 17th day
of March, 1982


Notary Public

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ATTACHMENT A

EXCERPTS FROM NAPOLEAN PROCEDURE 7B, REVISION 7

7B - 8.0 - Specification

7B - 8.1 - The tendon must be greased within ninety (90) days from installation or within seven (7) days after stressing. Time from stressing to greasing may be extended from seven (7) days to twenty-eight (28) days provided the tendon grease caps are installed immediately after stressing to keep out moisture and prevent corrosion.

7B - 8-2 - Time from initial placement of tendons to greasing may be increased to 180 days provided a random sample of 10% of the tendons are withdrawn monthly between the 90 and 180 day period and inspected for corrosion. (Withdrawn in this case is as defined in 7B-9.3, below.)

7B - 9.0 - In Place Tendon Inspection (90 to 180 days)

7B - 9.1 - The 10% of tendons which are to be withdrawn within the 90 and 180 day period shall be grouped for inspection as follows:

1. First month-inspection group of tendons - 91 to 120 days from date of installation.
2. Second month-inspection group of tendons - 91 to 150 days from date of installation.
3. Third month-inspection group of tendons - 91 to 180 days from date of installation.

Tendon inspection for each group can be conducted at any time within the noted limits.

7B - 9.2 - Tendons selected for the 10% random sample monthly inspection shall represent a cross section of containment building elevations and/or azimuth locations. The random sample shall be a simple sample of the tendons applicable to the 90 thru 180 day criteria.

7B - 9.3 - Tendon inspection shall be conducted as follows:

1. Pull back cap placed on shop end.
2. The field end of the tendon pulled out as far as pull back cap protrudes inside trumplate.
3. Exposed tendon wires on field end cleaned with solvent and wires inspected for corrosion as per Appendix "A".
4. After inspection is completed re-coat tendon wires with INRYCO approved grease and push tendon back into void.
5. If wire is rejectable, CECO P.C.D. will be notified immediately. Tendon to be placed on "Hold" pending CECO resolution.
6. Documentation to be completed on NSCI "Tendon in Place Inspection Card." Form NS-19

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