

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401  
400 Chestnut Street Tower II

November 26, 1979

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:

YELLOW CREEK NUCLEAR PLANT UNITS 1 AND 2 - DEFECTIVE ELECTRICAL CONDUIT -  
NCR YC-034 Rev. 1 - FIRST INTERIM REPORT

On October 25, 1979, M. J. Gouge, NRC-OIE Region II, was informed that the subject nonconformance was determined to be reportable in accordance with 10 CFR 50.55(a). Enclosed is our first interim report. We expect to submit our next report by February 22, 1980.

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

YELLOW CREEK NUCLEAR PLANT UNITS 1 AND 2

DEFECTIVE ELECTRICAL CONDUIT

NCR YC-034 REV. 1

10 CFR 50.55(e)

FIRST INTERIM REPORT

Description of Deficiency

Defective intermediate metal conduit, manufactured by Triangle PWC of New Brunswick, New Jersey, has been received at the site. The defects have been identified as damaged threads, burrs, out of round, and flaking of the galvanized coating. This conduit is for use as electrical conduit in both Class IE and non-Class IE applications. A portion of the defective piping is thought to have been embedded.

Interim Progress

TVA is inspecting all conduit that has not been embedded, and any found defective will be returned to Triangle PWC. TVA is working to identify if defective conduit has been embedded and is taking steps to correct the defects should any be found. Triangle PWC is examining their manufacturing process to identify the reason(s) for the defects.