

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

November 23, 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 - REBAR BENDING NOT IN
ACCORDANCE WITH SPECIFICATIONS - NCR YC-023 - SECOND INTERIM REPORT

On August 3, 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(e). This was followed by our first interim report dated September 4, 1979. Enclosed is our second interim report. We expect to submit our next report by February 8, 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
REBAR BENDING NOT IN ACCORDANCE WITH SPECIFICATION
NCR YC-023
10 CFR 50.55(e)
SECOND INTERIM REPORT

Description of Deficiency

This nonconformance report identified a problem in which partially embedded rebar developed a crack during bending by plant construction employees. Review of the proposed corrective action and action to prevent recurrence on this nonconformance report revealed that Division of Construction procedures for bending partially embedded rebar did not implement the requirements of General Construction Specification G-2, Revision 2, January 9, 1978. Specifically, G-2 now requires joint approval of both Engineering Design (EN DES) and Construction employees before bending or straightening of partially embedded rebar is performed. Up to the present time, Construction has not been notifying EN DES before bending partially embedded rebar. This problem apparently exists at all TVA nuclear plant construction sites.

Interim Progress

Construction procedures at all construction sites have been revised to require Construction to obtain approval from EN DES before bending partially embedded rebar. TVA is continuing the investigation of safety concerns of bending partially embedded rebar before EN DES approval.

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