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 O'REILLY, J.P. Region 2, Atlanta, Office of the Director

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SUBJECT: Forwards second interim report on failure of self-drilling expansion anchors to pass NRC 871 & NCR 398 qualification tests.

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 TITLE: CONSTRUCTION DEFICIENCY REPORT (10CFR50.555).

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	10 QAB	1 1	11 STANDRDS DEV	1 1
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*THAY
CCP*

FEB 1 1979

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500C Chestnut Street Tower II

July 11 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:

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2 - EXPANSION ANCHORS NOT PASSING
QUALIFICATION TESTS - NCR 871 and NCR 898 - SECOND INTERIM REPORT

On July 10, 1978, R. W. Wright, NRC-OIE Region II, was informed that
NCR 871 was determined to be reportable in accordance with 10 CFR
50.55(e). This was followed by our first interim report dated
August 9, 1978. Since that time, related NCR 898 has been determined
to be reportable in accordance with 10 CFR 50.55(e). We expect to
submit our combined final written report covering both of these NCR's
by April 9, 1979.

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: Office of Inspection and Enforcement (Enclosure) ✓
Division of Reactor Operations Inspection
U.S. Nuclear Regulatory Commission
Washington, DC 20555

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ENCLOSURE

BELLEFONTE NUCLEAR PLANT
NCR 871 AND NCR 898
EXPANSION ANCHORS NOT PASSING QUALIFICATION TESTS

SECOND INTERIM REPORT

Description of Condition

This deficiency involves self-drilling anchors used to anchor Seismic Category I supports to concrete. These anchors were installed without qualification tests as required by TVA General Construction Specification G-32. Also, when the anchors were tested in a test slab, they did not meet qualification testing performance specifications.

Interim Progress

TVA has completed the qualification tests in accordance with G-32 and is reviewing the results for assurance that the installed anchors meet design requirements.