TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

NRC REGION II
ATLANTA, GEORGIA

June 1, 1982 82 JUN 4 AM 8:24

WBRD-50-390/82-47
WBRD-50-391/82-44

U.S. Nuclear Regulatory Commission
Region II
Attn: Mr. James P. O'Reilly, Regional Administrator
101 Marietta Street, Suite 3100
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

WATTS BAR NUCLEAR PLANT UNITS 1 AND 2 - QUESTIONABLE PATCHES OF PLASTIC CEMENT MORTAR - WBRD-50-390/82-47, WBRD-50-391/82-44 - FIRST INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector D. Quick on April 29, 1982 in accordance with 10 CFR 50.55(e) as NCR 3791RR1. Enclosed is our first interim report. We expect to submit our next report by August 30, 1982.

If you have any questions, please get in touch with R. H. Shell at FTS 858-2688.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

L. M. Mills, Manager
Nuclear Licensing

Enclosure
cc: Mr. Richard C. DeYoung, Director (Enclosure)
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, DC 20555

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ENCLOSURE

WATTS BAR NUCLEAR PLANT UNITS 1 AND 2
QUESTIONABLE PATCHES OF PLASTIC CEMENT MORTAR
10 CFR 50.55(e)
NCR 3791RR1
WBRD-50-390/82-47, WBRD-50-391/82-44
FIRST INTERIM REPORT

Description of Deficiency

Several patches of plastic cement mortar around hangers and threaded rods in the auxiliary building and reactor building have been found to have cracks and are hollow sounding. These patches are over-embedded steel plates where the concrete of the wall has been chipped away so that hangers might be attached to the embedded plates. This cement mortar is then used to pack around the hanger and thus patch the chipped away area.

Interim Progress

TVA is in the process of investigating the adequacy of the involved structures and of the cement mortar to perform its intended function.