

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

August 30, 1982

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 - SECOND 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
3791R R1. Our first interim report was submitted on June 1, 1982.
Enclosed is our second interim report. We expect to submit our next report
by January 30, 1983.

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

Very truly yours,

TENNESSEE VALLEY AUTHORITY

DS Kammer

for 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
NCR 3791R R1
WBRD-50-390/82-47, WBRD-50-391/82-44
10 CFR 50.55(e)
SECOND 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 has sampled 50 areas around base plates installed in the above manner. Further tests and sampling are being conducted on the questionable patches. More information will be provided in our next report.