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TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401
400 Chestnut Street Tower II

62 FEB 24 AID: 08
February 18, 1983

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

Dear Mr. O'Reilly:

SEQUOYAH NUCLEAR PLANT - RESPONSE TO IE BULLETIN NO. 82-02 - DEGRADATION OF
THREADED FASTENERS IN THE REACTOR COOLANT PRESSURE BOUNDARY OF PWR PLANTS

In response to your letter dated June 2, 1982, provided is additional
information on the subject bulletin. Please refer to a letter from
D. S. Kammer to you dated August 2, 1982 which provided our initial submittal.

In response to the requirement of action item 4.a of the subject bulletin,
maintenance procedures and quality assurance measures, adequate to meet the
criteria for action item 1, are established and are being implemented.

In response to action item 2, the following threaded fasteners were examined
during the first refueling outage at Sequoyah Nuclear Plant unit 1:

1. 32 manway closure studs (2 manways) on steam generator 1,
2. 32 manway closure studs (2 manways) on steam generator 4, and
3. 8 bonnet studs on valve 68-563 located in a 6-inch diameter reactor
coolant line.

The above listed items were the only items opened for inspection or
maintenance that were identified in the scope of the bulletin.

A VT-1 (visual) examination in accordance with TVA procedure N-VT-1, revision
3, and a fluorescent liquid penetrant examination in accordance with TVA
procedure N-PT-7, revision 0, which meets the requirements of IWA-2210 and
IWA-2220 of the ASME code section XI as required by the subject bulletin, were
performed on each stud. These examinations revealed no evidence of
degradation of the studs.

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U. S. Nuclear Regulatory Commission

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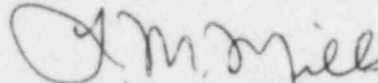
This report completes the requirements of this bulletin for unit 1. Action item 2 requirements for Sequoyah Nuclear Plant unit 2 will be performed during its first refueling outage scheduled for fall 1983 and reported shortly thereafter.

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

To the best of my knowledge, I declare the statements contained herein are complete and true.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

A handwritten signature in dark ink, appearing to read "L. M. Mills", is written over the typed name.

L. M. Mills, Manager
Nuclear Licensing

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