

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401
400 Chestnut Street Tower II

April 30, 1984

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WBRD-50-390/84-15
WBRD-50-391/84-15

U.S. Nuclear Regulatory Commission
Region II
Attn: Mr. James P. O'Reilly, Regional Administrator
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

WATT'S BAR NUCLEAR PLANTS UNITS 1 AND 2 - AIR CLEANUP UNITS FOR CONTROL BUILDING
NOT ANCHORED FOR SEISMIC - WBRD-50-390/84-15, WBRD-50-391/84-15 - FIRST INTERIM
REPORT

The subject deficiency was initially reported to NRC-OIE Inspector
P. E. Fredrickson on March 30, 1984 in accordance with 10 CFR 50.55(e) as NCR
WBN MEB 8407. Enclosed is our first interim report. We expect to submit our
next report on or about May 17, 1984.

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

Very truly yours,

TENNESSEE VALLEY AUTHORITY

J. M. Mills

J. M. Mills, Manager
Nuclear Licensing

Enclosure

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

Records Center (Enclosure)
Institute of Nuclear Power Operations
1100 Circle 75 Parkway, Suite 1500
Atlanta, Georgia 30339

ENCLOSURE

WATTS BAR NUCLEAR PLANTS UNITS 1 AND 2
AIR CLEANUP UNITS FOR CONTROL BUILDING NOT ANCHORED FOR SEISMIC
NCR WBN MEB 8407
WBRD-50-390/84-15 AND WBRD-50-391/84-15
10 CFR 50.55(e)
FIRST INTERIM REPORT

Description of Deficiency

The emergency air cleanup system at Watts Bar Nuclear Plant (WBN) is an essential safety features (ESF) system and is designed to withstand the safe shutdown earthquake per WBN FSAR section 9.4.1.1. It has been identified that the air cleanup (filter) units, located on a structural steel platform in the control building on el. 755.0' between columns N, P, C2, and C3, are not anchored to their support steel. Neither the vendor drawings, nor the TVA structural steel drawing (48N1309-2) shows a method of attachment. Consequently, TVA Construction personnel had no instructions to anchor the air cleanup units to the support steel. The TVA-approved vendor's seismic qualification reports make no mention of anchorage requirements. However, the vendor's seismic qualification reports did indicate that a rigid attachment was assumed.

Interim Progress

The TVA approved seismic reports and air cleanup unit outline drawings have been submitted to TVA's Civil Engineering Support Branch (CEB) for analysis and mounting detail. Adequate anchorage for the subject equipment will be provided based on this analysis. All work for this item is being done under engineering change notice (ECN) 4763.