

830 Power Building
TENNESSEE VALLEY AUTHORITY
CHATTANOOGA, TENNESSEE 37401

Central File
50-340
391

MAY 2 1977

Mr. Norman C. Moseley, Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Region II - Suite 818
230 Peachtree Street, NW.
Atlanta, Georgia 30303

Dear Mr. Moseley:

WATTS BAR NUCLEAR PLANT UNITS 1 AND 2 - REPORTABLE DEFICIENCY -
ERCW DISCHARGE PIPELINE

The subject deficiency was initially reported to NRC-OIE
Region II, Inspector V. L. Brownlee, on March 30, 1977,
in accordance with 10 CFR 50.55(e). The following is our
first interim report on this deficiency:

The essential raw cooling water (ERCW) system design
bases require a seismically qualified means to dis-
charge ERCW from the plant. The ERCW discharge
pipelines are seismic Category I, however, they have
been routed through an area of the plant site for
which complete soils information is unavailable and
through slopes which have not been seismically
qualified. (These areas are shown in the enclosed
figure.)

Our final report will be transmitted to your office by July 29,
1977.

Very truly yours,

J. E. Gilleland

J. E. Gilleland
Assistant Manager of Power

Enclosure

CC: Dr. Ernst Volgenau, Director (Enclosure)
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, DC 20555

FIGURE 1

