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 MILLS,L.M. Tennessee Valley Authority
 RECIP.NAME RECIPIENT AFFILIATION

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SUBJECT: First interim deficiency rept re excessive vibration in essential raw cooling water pump/motor assembly while running. Util contacted vendor & requested assistance correcting problem. Next rept to be submitted approx 801202.

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 TITLE: Construction Deficiency Report (10CFR50.55E)

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TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

September 17, 1980

Mr. James P. O'Reilly, Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Region II - Suite 3100
101 Marietta Street
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

BELLEFONTE NUCLEAR PLANT UNIT 1 - EXCESSIVE VIBRATIONS OF ERCW PUMP/MOTOR
- NCR 1249 - FIRST INTERIM REPORT

The subject nonconformance was initially reported to NRC-OIE Inspector F. S. Cantrell on August 19, 1980, in accordance with 10 CFR 50.55(e). Enclosed is our first interim report. We expect to submit our next written report by December 2, 1980. We consider 10 CFR Part 21 to be applicable to this nonconformance.

If you have any questions concerning this matter, please get in touch with D. L. Lambert at FTS 857-2581.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

L. M. Mills, Manager
Nuclear Regulation and Safety

Enclosure

cc: Mr. Victor Stello, Jr., Director (Enclosure) ✓
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, DC 20555

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ENCLOSURE

BELLEFONTE NUCLEAR PLANT UNIT 1
EXCESSIVE VIBRATIONS OF ERCW PUMP/MOTOR
NCR 1249
10 CFR 50.55(e)
FIRST INTERIM REPORT

Description of Deficiency

There is excessive vibration in the essential raw cooling water (ERCW) pump/motor assembly while running. This vibration is apparently caused by the natural frequency of the pumps being so near the same as the running speed of the pump and motor.

Interim Progress

TVA has gotten in touch with the pump/motor vendor (Weir) and requested assistance in correcting the problem.