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 MILLS, L.M. Tennessee Valley Authority
 RECIP. NAME RECIPIENT AFFILIATION
 O'REILLY, J.P. Region 2, Atlanta, Office of the Director

SUBJECT: Fourth interim deficiency rept re Auma Actuators, Inc motor-operated valves failure to operate & defective limit switches, initially reported on 800611. Actuators were returned to factory for repairs. Next rept by 810325.

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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

January 14, 1981

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

50-438

Dear Mr. O'Reilly:

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2 - AUMA ACTUATORS - MOV OPERATOR -
NCR'S 1200 AND 1256 - FOURTH INTERIM REPORT

The subject nonconformance was initially reported to NRC-OIE Inspector R. W. Wright on June 11, 1980, in accordance with 10 CFR 50.55(e). This was followed by our interim reports dated July 10 and August 20, 1980. After that time, related NCR 1256 was determined to be reportable in accordance with 10 CFR 50.55(e). This was followed by our interim report dated October 16, 1980. Enclosed is our fourth interim report. We expect to submit our next written report by March 25, 1981.

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 UNITS 1 AND 2
AUMA ACTUATORS, INCORPORATED - MOV OPERATOR
NCR'S 1200 AND 1256
FOURTH INTERIM REPORT

Description of Deficiency

Numerous problems with motor-operated valve operators supplied by Auma Actuators, Incorporated, for Jamesbury valves located in the Essential Raw Cooling Water System (ERCW) have resulted in the issuance of two significant NCR's as follows.

NCR 1200 - Valves failed to operate in either the electrical or mechanical mode

NCR 1256 - Gears for open limit switch operation were stripped causing open limit switch not to operate

Interim Progress

TVA informed Jamesbury of the problems and requested that the affected valves and operators be examined by a factory-trained service representative from Auma Actuators, Incorporated, to ascertain the problem.

As a result of the inspection by Auma, the actuators were returned to the factory for repair. Auma has recommended the actuators be reinstalled by factory-trained service employees.