



Report 134

January 22, 1986

Director, Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Sir:

In accordance with the requirements of Title 10, Chapter 10, Code of Federal Regulations, Part 21, Transamerica Delaval Inc. hereby notifies the Commission of a potential defect in a component of a DSRV Standby Diesel Generator. There could exist a potential problem with the on-engine Jacket Water Pump Impeller.

Transamerica Delaval has supplied this component with the potential problem to the following nuclear site:

<u>Utility</u>	<u>Site</u>	<u>Serial No.</u>	<u>Model</u>
Georgia Power	Vogtle	76021/24	DSRV-16-4

At Georgia Power Vogtle plant, the impeller from the on-engine jacket water pump was found to have not been retained properly on its shaft. During a recent test start up, the impeller came loose, causing damage to the pump volute.

The impeller is manufactured by Transamerica Delaval. Upon investigation of this problem, we found that during the manufacturing process of one lot, a rework was performed on three (3) impeller pieces. The design of this rework was such that the impeller was no longer properly retained in its position. All three of these impellers have been found at the Georgia Power Vogtle Plant.

This rework was used only on this one job and is not a standard procedure.

Failure of this pump will cause a loss of cooling water to the engine, effecting engine availability.

Transamerica Delaval recommends these impellers be replaced immediately. This activity is now in process at the Georgia Power Vogtle Plant. Since action is required by others, we cannot estimate when the corrective action will be completed.

A copy of this letter will be forwarded to Georgia Power Company.

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**Transamerica
Delaval**



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Our evaluation of this matter was concluded on January 20, 1986.

Very truly yours,

A handwritten signature in dark ink, appearing to read 'B. C. Guntrum'. The signature is fluid and cursive, with a long, sweeping underline.

B. C. Guntrum
Manager, Quality Assurance

BCG:kmck
Enclosure

CC: Mr. George Bockhold, Jr.
Plant Manager
Georgia Power Co.
Plant Vogtle
P. O. Box 282
Waynesboro, Georgia 30830

Bechtel Power Corp.
P. O. Box 60860, Terminal Annex
Los Angeles, California 90060
ATTN: Project Manager
Georgia Power Co. - Plant Vogtle
Bechtel Job 9510-001 File X4AK01