



March 10, 1986

Report #135

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 Lube Oil Sump Tank Foot Valve.

Transamerica Delaval Inc. has supplied this component with the potential problem to the following nuclear sites:

<u>UTILITY</u>	<u>SITE</u>	<u>SERIAL #</u>	<u>MODEL</u>
Mississippi Power & Light	Grand Gulf	74033/36	DSRV-16-4
Gulf States Utilities	River Bend	74039/40	DSR-48
Carolina Power & Light	Shearon Harris	74046/49	DSRV-16-4
Duke Power	Catawba	75017/20	DSRV-16-4
S. Cal. Edison	San Onofre	75041/42	DSRV-16-4
Cleveland Electric	Perry	75051/54	DSRV-16-4
Tennessee Valley Authority	Bellefonte	75080/83	DSRV-16-4
W.P.P.S.S.	WNP 1	75084/85	DSRV-16-4
Texas Utilities	Comanche Peak	76001/4	DSRV-16-4
Georgia Power	Vogtle	76021/24	DSRV-16-4
Consumer Power	Midland	77001/4	DSRV-12-4
Tennessee Valley Authority	Hartsville/Phipps	77024/35	DSRV-16-4
S.M.U.D.	Rancho Seco	81015/16	DSR-48

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At Carolina Power and Light, Shearon Harris Plant, the elastomer liner in the foot valve mounted in the Lube Oil Sump Tank was found in pieces. This condition was found during maintenance of the lube oil system performed by Carolina Power personnel.

The foot valve is manufactured by the Clearflow Company located in Berkeley, California.

The disintegration of the liner could cause a restriction in the valve preventing flow of oil to the on-engine lube oil pump, or the liner pieces could flow upstream lodging in and damaging the on-engine lube oil pump. Either failure will cause a loss of lube oil to the engine, effecting engine availability.

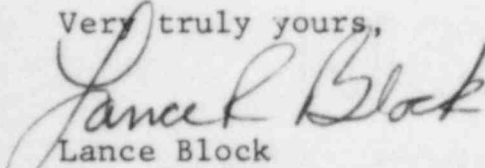
Transamerica Delaval Inc. is waiting for Carolina Power to return the damaged liner so that we can determine the cause of the failure, and corrective action measures.

Transamerica Delaval Inc. recommends that the Utilities inspect the condition of the foot valve liners and notify the TDI Customer Service Department of the findings. TDI will make all Utilities fully aware of our failure analysis of the Carolina Power & Light foot valve liner and will report the findings to the other Utilities as they become known to us.

A copy of this letter will be sent to all of the sites referenced in Paragraph 2 of this letter as indicated by the carbon copy list.

Our evaluation of this matter was concluded on March 10, 1986.

Very truly yours,


Lance Block
Q.A. Engineer

LRB:ddm

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cc: Middle South Energy - Grand Gulf
P.O. Box 1640
Jackson, Mississippi 39205
Attn: Mr. J.B. Richard
Sr. Vice President Nuclear Production

Gulf States Utilities Company
Stone & Webster Engineering Company
Cherry Hill Operations Center
3 Executive Campus
P.O. Box 5200
Cherry Hill, New Jersey 08034
Attn: Project Manager (J.O. #12210)
Gulf States Project

Carolina Power & Light Company
Shearon Harris Nuclear Plants
P.O. No. 101
New Hill, North Carolina 27562
Attn: Mr. R.A. Watson, Vice President

Duke Power - Catawba
Mill Power Supply Company
P.O. Box 32307
Charlotte, North Carolina 28232
Attn: W.T. Robertson, President

Southern California Edison
P.O. Box 800
Rosemead, CA 91770
Attn: Q.A. Manager

Cleveland Electric Illuminating Company
c/o Perry Nuclear Power Plant
P.O. Box 97
Perry, Ohio 44081
Attn: Mr. C.M. Shuster, Manager
Nuclear Quality Assurance

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cc: Tennessee Valley Authority
W7C126, 400 West Summit Hill Drive
Knoxville, Tennessee 37902
Attn: Mr. I.L. Beltz

Washington Public Power Supply System
Post Office Box 460
Richland, WA 99352

Attn: Mr. G.K. Dyekman
Acting Asst. Program Director

Texas Utilities Services Inc.
P.O. Box 2300
Glen Rose, Texas 76043

Attn: Mr. J.T. Merritt, Jr.
Engineering & Construction Manager

Bechtel Power Corporation
P.O. Box 60860
Terminal Annex
Los Angeles, CA 90060

Attn: Project Engineer
Georgia Power Company - Plant Vogtle
Bechtel Job 9510-001 File X4AK01

Consumers Power Company
1945 West Parnall Road
Jackson, Michigan 49201

Attn: J.W. Cook, Vice President Projects

Tennessee Valley Authority - Hartsville
W 10 D224-400 Commerce Avenue
Knoxville, Tennessee 37902

Attn: Mr. C.A. Chandley, Chief
Mechanical Engineering Branch

Sacramento Municipal Utility District
P.O. Box 15830
Sacramento, CA 95813

Attn: L.R. Keilman
Nuclear Engineering Dept., M.S. 32

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cc: Sacramento Municipal Utility District
P.O. Box 15830
Sacramento, CA 95813

Attn: J.R. Beal
Purchasing Department, M.S. 50

Georgia Power Company
Plant Vogtle
P.O. Box 282
Waynesboro, Georgia 30830

Attn: Mr. George Bockhold, Jr.
Plant Manager