UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
101 MARIETTA ST., N.W., SUITE 3100
ATLANTA, GEORGIA 30303

JAN 31 1980

In Reply Refer To:
RII:JPO
50-338, 50-339
50-404, 50-405
50-280, 50-281

Virginia Electric and Power Company
Attn: W. L. Proffitt
Senior Vice President,
Power
P. O. Box 26666
Richmond, Virginia 23261

Gentlemen:

The enclosed IE Circular No. 79-25 Supplement A is forwarded to you for information. No written response to this Circular is required. If you have any questions related to the subject, please contact this office.

Sincerely,

for James P. O'Reilly
Director

Enclosures:
1. IE Circular No. 79-25
Supplement A
2. List of IE Circulars
Recently Issued

8003190143

cc w/encl:
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SSINS No.: 6830
Accession No.:
7912190658

UNITED STATES
NUCLEAR REGULATORY COMMISSION
OFFICE OF INSPECTION AND ENFORCEMENT
WASHINGTON, D.C. 20555

January 31, 1980

IE Circular No. 79-25
Supplement A

SHOCK ARRESTOR STRUT ASSEMBLY INTERFERENCE

On December 20, 1979, licensees and holders of construction permits for nuclear power reactors were advised by IE Circular No. 79-25 of a potential problem with Bergen Paterson part 2540 Strut Assembly used in combination with Pacific Scientific Company mechanical shock arrestors sizes 15K, 50K and 120K.

Bergen Paterson has conducted a detailed review of their records and identified the following nuclear power plants as being affected by the above problem:

Shoreham #1	Three Mile Island #2
Shearon Harris #1, 2, 3, & 4	Watts Bar #1
Virgil C. Summer #1	Waterford #3
Limmerick #1 & 2	

During the course of this investigation Bergen-Paterson identified an additional problem with the 2540-120 Shock Arrestor Strut Assembly. The assembly may not be acceptable for applications up to the published load of 120,000 lbs. Preliminary load testing has indicated that the maximum acceptable load may be only 112,000 lbs.

All nuclear power reactor licensees and holders of construction permits are advised to review their systems for any Bergen Paterson part 2540-120 Shock Arrester Strut Assembly. Application of these assemblies should be analyzed, existing calculations reviewed, and if necessary, recalculated to determine whether loads exceed 112,000 lbs. Strut Assemblies for applications in excess of 112,000 lbs should be replaced by larger units or other acceptable resolution should be made.

IE Circular No. 79-25 Supplement A
January 31, 1980

Enclosure

RECENTLY ISSUED
IE CIRCULARS

Circular No.	Subject	Date of Issue	Issued to
80-02	Nuclear Power Plant Staff Work Hours	2/1/80	All holders of Reactor OLs including research and test reactors, and CPs
80-01	Service Advice for GE Induction Disc Relays	1/17/80	All licensees of nuclear power reactor operating facilities and holders of nuclear power reactor CPs
79-25	Shock Arrestor Strut Assembly Interference	12/20/79	All licensees and holders of power reactor CPs
79-24	Proper Installation and Calibration of Core Spray Pipe Break Detection Equipment on BWRs.	11/26/79	All Holders of a Power Power Reactor OL or CP
79-23	Motor Starters and and Contactors Failed to Operate	11/26/79	All Power Reactor Operating Facilities and Holders of Reactor CPs
79-22	Stroke Times for Power Operated Relief Valves	11/16/79	All Power Reactor Operating Facilities and all Utilities having a CP
79-21	Prevention of Unplanned Releases of Radioactivity	10/19/79	All holders of Power Reactor OLs and CPs
79-20	Failure of GTE Sylvania Relay, Type PM Bulletin 7305, Catalog 5U12-11-AC with a 12V AC Coil	9/24/79	All holders of Power Reactor OLs and CPs
79-19	Loose Locking Devices on Ingersoll-Rand Pumps	9/13/79	All Holders of Power Reactor OLs and CPs
79-18	Proper Installation of Target Rock Safety-Relief	9/10/79	All Holders of Power Reactor OLs and CPs