



Docket Nos. 50-352
50-353

UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
631 PARK AVENUE
KING OF PRUSSIA, PENNSYLVANIA 19406


JAN 31 1980

Philadelphia Electric Company
Attention: Mr. V. S. Boyer
Vice President
Engineering and Research
2301 Market Street
Philadelphia, Pennsylvania 19101

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,


Boyce H. Grier
Director

Enclosures:

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

CONTACT: L. E. Tripp
(215-337-5282)

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ENCLOSURE 1

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

SSINS No.: 6830
Accession No.:
7912190658

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Date: January 31, 1980
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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 Arrestor Strut Assembly. Application of these assemblies should be analysed, 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.

ENCLOSURE 2

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RECENTLY ISSUED IE CIRCULARS

Circular No.	Subject	First Date of Issue	Issued To
79-17	Contact Problem in SB-12 Switches on General Electric Metalclad Circuit Breakers	8/14/79	All Power Reactor Licensees with an Operating License (OL) or Construction Permit (CP)
79-18	Proper Installation of Target Rock Safety-Relief Valves	9/10/79	All Power Reactor Licensees with an OL or CP
79-19	Loose Locking Devices on Ingersoll-Rand Pumps	9/13/79	All Power Reactor Licensees with an OL or CP
79-20	Failure of GTE Sylvania Relay, Type PM Bulletin 7305, Catalog 5U12-11-AC with a 120V AC Coil	9/24/79	All Power Reactor Licensees with an OL or CP
79-21	Prevention of Unplanned Releases of Radioactivity	10/19/79	All Power Reactor Licensees with an OL or CP
79-22	Stroke Times for Power Operated Relief Valves	11/16/79	All Power Reactor Licensees with an OL or CP
79-23	Motor Starters and Contactors Failed to Operate	11/26/79	All Power Reactor Licensees with an OL or CP
79-24	Proper Installation and Calibration of Core Spray Pipe Break Detection Equipment on BWRs	11/26/79	All Power Reactor Facilities with an OL or CP
79-25	Shock Arrestor Strut Assembly Interference	12/20/79	All Power Reactor Facilities with an OL or CP
80-01	Service Advice for GE Induction Disc Relays	1/17/80	All Power Reactor Facilities with an OL or CP
80-02	Nuclear Power Staff Work Hours	2/1/80	All Power Reactor Facilities with an OL or CP