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

In Reply Refer To:
RII:JPO
50-395

APR 2 9 1980

South Carolina Electric and Gas Company
Attn: T. C. Nichols, Jr., Vice President
Power Production and System
Operations
P. O. Box 764
Columbia, SC 29218

Gentlemen:

The enclosed Circular No. 80-10, is forwarded to you for information. If there are any questions related to your understanding of the suggested actions, please contact this office.

Sincerely,

James P. O'Reilly
Director

Enclosures:
1. IE Circular No. 80-10
2. List of Recently Issued
IE Circulars

SSINS No.: 6830
Accession No.:
8002280665

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

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April 29, 1980

IE Circular No. 80-10

FAILURE TO MAINTAIN ENVIRONMENTAL QUALIFICATION OF EQUIPMENT

Description of Circumstances:

Carolina Power and Light recently reported that the wrong class of insulating material had been used at their H. B. Robinson Nuclear Plant when the motor leads of a containment fan cooler were reconnected. The motor leads had been disconnected during the refueling outage to supply power to welding equipment. When the motor leads were reconnected, the wrong class of insulating material degraded the environmental qualification of the containment fan cooler motor. A similar event, reported by Duquesne Light Company, occurred when a containment fan cooler motor was not installed with the proper cable insulation.

The NRC has previously issued IE Circular 78-08 and IE Bulletins 79-01 and 79-01B concerning environmental qualification of Class IE equipment. These Bulletins primarily address the environmental qualification of equipment as purchased and installed; however, the above events emphasize the importance of properly installing and maintaining environmentally qualified equipment.

Recommended Action for Licensee Consideration:

All holders of operating licenses or construction permits should recognize the potential for degradation of environmentally qualified equipment due to improper maintenance or improper use. It is recommended that licensees review current maintenance procedures and administrative policies to ensure the following:

1. Adequate administrative controls exist to ensure that equipment which is environmentally qualified is identified prior to maintenance.

2. Maintenance procedures provide necessary instructions and precautions to ensure that the environmental qualification of equipment is not degraded when maintenance is completed.

3. Maintenance personnel are adequately trained on environmental qualification requirements and the potential for equipment degradation from improper maintenance.

No written response to this Circular is required. If you require additional information regarding this matter, contact the Director of the appropriate NRC Regional Office.

IE Circular No. 80-10
April 29, 1980

Enclosure

RECENTLY ISSUED
IE CIRCULARS

Circular No.	Subject	Date of Issue	Issued to
80-10	Failure to Maintain Environmental Qualification of Equipment	4/29/80	All holders of a power reactor OL or CP
80-09	Problems with Plant Internal Communications Systems	4/28/80	All holders of a power reactor OL or CP
80-08	BWR Technical Specification Inconsistency - RPS Response Time	4/18/80	All General Electric BWR's holding a power reactor OL
80-07	Problems with HPCI Turbine Oil System	4/3/80	All holders of a power reactor OL or CP
80-06	Control and Accountability Systems for Implant Therapy Sources	4/14/80	Medical licensees in Categories G and G1
80-05	Emergency Diesel-Generator Lubricating Oil Addition and Onsite Supply	4/1/80	All holders of a power reactor OL or CP
80-04	Securing of Threaded Locking Devices on Safety-Related Equipment	3/14/80	All holders of a power reactor OL or CP
80-03	Protection from Toxic Gas Hazards	3/6/80	All holders of a power reactor OL
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