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GL-80-89

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

October 24, 1980

Docket No. 50-03

Consolidated Edison Company of
New York, Inc.
ATTN: Mr. Peter Zarakas
Vice President
4 Irving Place
New York, New York 10003

Gentlemen:

The enclosed Supplement No. 3 to IE Bulletin 79-01B, "Environmental Qualification of Class 1E Equipment," is forwarded to you for action. This supplement clarifies two issues raised by Supplement No. 2. These are (1) the submittal of qualification information for equipment resulting from TMI Action Plan requirements and (2) the qualification of equipment which is required to achieve a cold shutdown condition. This action is a result of industry feedback to NRC regarding interpretation of Supplement No. 2. The information presented is applicable to your submittal regarding environmental qualification of Class 1E equipment which is required by November 1, 1980.

If you desire additional information regarding this matter, please contact this office.

Sincerely,

Boyce H. Grier

Boyce H. Grier
Director

Enclosures:
1. Supplement No. 3 to IE Bulletin No. 79-01B
2. List of Recently Issued IE Bulletins

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

October 24, 1980

IE Bulletin No. 79-01B Supplement No. 3: ENVIRONMENTAL QUALIFICATION OF CLASS IE EQUIPMENT

Description of Circumstances:

Two issues were raised by Supplement No. 2 which require clarification. These are: (1) the dates required for submittal of qualification information for TMI related equipment, and (2) whether the equipment required to achieve a Cold Shutdown condition must be environmentally qualified if the licensing basis for the plant was a Hot Safe Shutdown condition.

(1) Supplement No. 2 (Q.1, Q.5) addressed the minimum cold shutdown requirements. The staff position on this issue is that the licensee must identify and environmentally qualify the equipment needed to complete one method (path) of achieving and maintaining a cold shutdown condition. The equipment of other paths must be reviewed to assure that its failure will not aggravate or contribute to the accident (ref. Q.5 Supp. No. 2).

Due to an inconsistency between Supplement No. 1 and Supplement No. 2, the staff position on this issue was unclear. Therefore, the following will apply:

a. The qualification information for equipment needed to achieve and maintain a Hot Safe Shutdown condition must be submitted not later than November 1, 1980.

b. The qualification information for equipment required to achieve and maintain a Cold Shutdown condition (ref. Q.1 and Q.5 of Supplement No. 2) must be submitted not later than February 1, 1981.

(2) IEB 79-01B required a 90 day response which was due in mid-April 1980. Supplement 1 (Feb. 1980) informed licensees that equipment which was "planned" to be installed as a result of lessons learned need not be addressed in that response. Some of this equipment has since been installed. Supplement No. 2 (Q.5, Q.21) identified that the staff position was that equipment which is installed should be treated in a manner similar to all other safety-related electrical equipment and be addressed in the November 1, 1980 submittal. This position represents no change in staff position regarding the scope of the review. However, since the staff position on this issue was unclear the following will apply:

a. Qualification information for installed TMI Action Plan equipment must be submitted by February 1, 1981.

b. Qualification information for future TMI Action Plan equipment (ref. NUREG-0737, when issued), which requires NRC pre-implementation review, must be submitted with the pre-implementation review data.

c. Qualification information for TMI Action Plan equipment currently under NRC review should be submitted as soon as possible.

d. Qualification information for TMI Action Plan equipment not yet installed which does not require pre-implementation review should be submitted to NRC for review by the implementation date.

The above items 1 and 2 represent no change in staff position regarding the scope of the 79-01B Supplement 2 review.

IE Bulletin No. 79-01B was issued under a blanket GAO clearance (B180225 (R0072), clearance expired July 31, 1980) specifically for identified generic problems. Supplement No. 3 to Bulletin 79-01B is for information, hence no GAO clearance is required.

IE Bulletin No. 79-01B
Supplement No. 2
October 24, 1980

Enclosure 2

RECENTLY ISSUED
IE BULLETINS

Bulletin No.	Subject	Date Issued	Issued To
Supplement 3 to 79-01B	Environmental Qualification of Class 1E Equipment	9/30/80	All holders of a power reactor OL or CP
80-22	Automation Industries, Model 200-520-008	9/12/80	All holders of a radiography license
80-21	(Not Used)		
Revision 1 to 79-26	Boron Loss from BWR Control Blades	8/29/80	All holders of a BWR power reactor OL
Revision 1 to 80-19	Failures of Mercury-Wetted Matrix Relays in Reactor Protective Systems of Operating Nuclear Power Plants Designed by Combustion Engineering	8/15/80	All holders of a power reactor OL or CP
80-20	Failures of Westinghouse Type W-2 Spring Return to Neutral Control Switches	7/31/80	All holders of a power reactor OL or CP
80-19	Failures of Mercury-Wetted Matrix Relays in Reactor Protective Systems of Operating Nuclear Power Plants Designed by Combustion Engineering	7/31/80	All holders of a power reactor OL or CP
80-18	Maintenance of Adequate Minimum Flow Thru Centrifugal Charging Pumps Following Secondary Side High Energy Line Rupture	7/24/80	All holders of a PWR power reactor OL or CP
Supplement 3 to 80-17	Failure of Control Rods to Insert During a Scram at a BWR	8/22/80	All holders of a BWR power reactor OL or CP
Supplement 2 to 80-17	Failure of Control Rods to Insert During a Scram at a BWR	7/22/80	All holders of a BWR power reactor OL