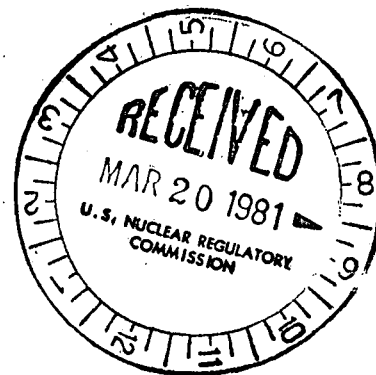




Commonwealth Edison
One First National Plaza, Chicago, Illinois
Address Reply to: Post Office Box 767
Chicago, Illinois 60690

CENTRAL FILES

February 2, 1981



Mr. James G. Keppler, Director
Directorate of Inspection and
Enforcement - Region III
U.S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, IL 60137

Subject: Dresden Station Units 2 and 3
Quad Cities Station Units 1 and 2
Zion Station Units 1 and 2
Response to IE Bulletin 79-01B,
Supplement No. 3, "Environmental
Qualification of Electrical Equipment"
NRC Docket Nos. 50-237/249, 50-254/265,
and 50-295/304

- References (a): D. L. Peoples letter to H. R. Denton
dated January 1, 1980.
- (b): J. G. Keppler letter to C. Reed
dated October 24, 1980.
- (c): J. S. Abel letter to J. G. Keppler
dated October 30, 1980 (Dresden 3,
Quad Cities 1/2).
- (d): J. S. Abel letter to D. G. Eisenhut
dated October 30, 1980 (Dresden 2).
- (e): J. S. Abel letter to D. G. Eisenhut
dated October 30, 1980 (Zion 1/2).
- (f): D. G. Eisenhut letter to All Licensees,
Applicants and C.P. Holders dated
January 19, 1981.

Dear Mr. Keppler:

Reference (b) transmitted IE Bulletin 79-01B, Supplement No. 3, which clarified two Environmental Qualification of Electrical Equipment issues raised by IE Bulletin 79-01B, Supplement No. 2. These supplements are applicable to Dresden Unit 3 and Quad Cities Units 1 and 2 only since Environmental Qualification for Dresden Unit 2 and Zion Units 1 and 2 is being considered separately by the NRC. Dresden Unit 2 and Zion Units 1 and 2 are addressed in this submittal, however, for your information.

810 3240 711

Q

FEB 4 1981

The two issues addressed by Supplement No. 3 are (1) whether 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, and (2) the dates required for submittal of qualification information for TMI Action Plan equipment.

Cold Shutdown

The issue of Environmental Qualification for the equipment necessary to achieve and maintain a cold shutdown condition was addressed by the staff at the Dresden 2 SEP environmental qualification site visit of July 28 through July 31, 1980, and at a similar Zion site visit of June 3 through June 6, 1980. The equipment required to address cold shutdown was agreed to at these visits and was included in the Reference (c), (d), and (e) submittals.

TMI Action Plan Equipment

The only equipment requiring Environmental Qualification which has been installed to meet TMI Action Plan requirements is the acoustic monitors on the relief and safety valves.

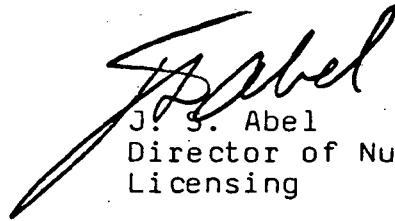
At this time Commonwealth Edison Company has contracted United Engineers and Constructors, Inc. to provide the qualification testing for the monitors purchased for Dresden Units 2 and 3 and Quad Cities Units 1 and 2 and Babcock & Wilcox to provide the testing for Zion Units 1 and 2. The approach of purchasing and then qualifying equipment in cases such as this has been submitted previously to the NRC in Reference (a). The tests are scheduled to be completed by September 1, 1981, for the Dresden and Quad Cities acoustic monitors and by December 31, 1981, for the Zion Monitors.

It is our intent to submit environmental qualification information for all TMI Action Plan equipment as it becomes available, or no later than the NUREG-0737 required implementation dates.

It should be noted that TMI Action Plan equipment required to be Environmentally Qualified by the NRC is being purchased for all stations with Environmental Qualification documentation where possible. Although it is our intent to provide qualification information for the equipment referenced in this letter, none of the installed TMI Action Plan equipment is required to meet the safety design bases defined in the FSAR. In addition, we have reviewed these installations and have determined that they do not degrade the safety function of existing systems.

Please address any questions you may have concerning this matter to this office.

Very truly yours,

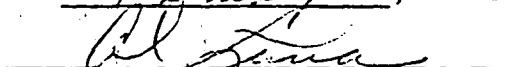


J. S. Abel
Director of Nuclear
Licensing

cc: Director, Division of Reactor
Operations

RIII Inspector - Dresden
RIII Inspector - Quad Cities
RIII Inspector - Zion

SUBSCRIBED and SWORN to
before me this 2nd day
of February, 1981



Notary Public