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Writer's Direct Dial Number:

March 8, 1985

Office of Nuclear Reactor Regulation
Attn: H. L. Thompson, Jr., Director
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Sir:

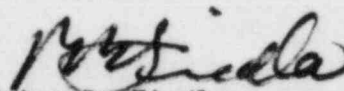
Subject: Oyster Creek Nuclear Generating Station
Docket No. 50-219
Response to Generic Letter 84-24

In accordance with your letter of December 27, 1984, GPUN has in place and is implementing an Environmental Qualification Program which to our knowledge satisfies the requirements of 10CFR50.49. In a recent submittal dated February 22, 1985, GPUN provided qualification status for each of the components on Oyster Creek Environmental Qualification Equipment Master List (EQEML) and Justifications for Continued Operation for those components requiring further qualification efforts. The February 22, 1985 letter also requested schedular extensions for certain pieces of equipment. The EQEML identifies components which are needed in order to provide a qualified path to safe shutdown as well as equipment required to be qualified for post accident monitoring (RG 1.97) and other plant specific requirements.

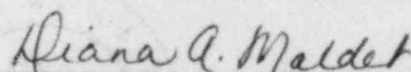
Further, GPUN has reviewed the I&E Bulletins and Notices listed in your letter of December 27, 1984. Summary information on relevance is provided in ATTACHMENT 1. Additional information concerning the relevant Bulletin/Notices is contained in the respective EQ file.

Sincerely,

8503140427 850308
PDR ADJCK 05000219
Q PDR


Peter B. Fiedler
Director, Oyster Creek

Sworn and subscribed to before me
this 8th day of March 1985.


Notary Public DIANA A. MALDET
A Notary Public of New Jersey
My Commission Expires June 5, 1985

cc: Administrator
Region I
US Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, Pa. 19406

NRC Resident Inspector
Oyster Creek Nuclear Generating Station
Forked River, N. J. 08731

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ATTACHMENT 1

IE Bulletin	SUBJECT	APPLICABLE TO OYSTER CREEK NGS	REMARKS
82-04	Deficiencies In Primary Containment Electrical Penetration Assemblies.	No	The bulletin identifies deficiencies related to Bunker-Ramo penetration assemblies. Oyster Creek utilizes GE penetration assemblies. As such, this bulletin is not applicable to Oyster Creek.
IE Notices			
82-11	Potential Inaccuracies In Wide Range Pressure Instruments Used In Westinghouse Designed Plants.	No	Oyster Creek is a GE designed Plant. As such this notice is not applicable to Oyster Creek.
82-52	Equipment Environmental Qualification Testing Experience -Updating Of Test Summaries Previously Published In 81-29.	Yes	The IE Notice provides several EQ sub-notices related to different types of equipment. All sub-notices, with the exception of #1, #10 and #11, are not applicable to Oyster Creek. <u>Notice #1</u> - Limitorque valve operators. This notice deals with problems encountered by Westinghouse during qualification testing of Limitorque valve operators to Westinghouse's specified test parameters. Refer to the remarks on IE Notice 83-72 below for the Limitorque valve operators at Oyster Creek. <u>Notice #10</u> - identifies Viton elastomer seal failures in ASCO NP-1 solenoid valves which prevent them from changing positions following a radiation exposure in excess of 20 megarads. Oyster Creek uses 2 ASCO solenoid valves with Viton elastomer seals which will be exposed to more than 20 megarads. However, their

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IE Notices	SUBJECT	APPLICABLE TO OYSTER CREEK NGS	REMARKS
82-52 (Continued)			<p>safety function will be performed before a TID of 20 megarads is absorbed. Subsequent failure will not degrade any safety function or mislead the operator.</p> <p>Sub-notice #11 - refers to two other IE Notices, i.e., 82-03 and 82-11. IE Notice 82-03 deals with qualification testing and cleanliness of terminal blocks. Qualification testing of terminal blocks is addressed below in the response to IE Notice 84-47. The Oyster Creek surveillance and maintenance program addresses cleanliness of terminal blocks. IE Notice 82-11 is addressed above.</p>
83-45	Environmental Qualification Test Of GE Company "CR-2940" Position Selector Control Switch	Yes	Reference JCO-OC-85-24 and 43.
83-72	Environmental Qualification Testing Experience	Yes	<p>The IE Notice provides several EQ Sub- notices related to different types of equipment. Only the following sub-notices apply to Oyster Creek.</p> <p>#1 Anaconda flexible conduit - This notice identifies melting of the conduit during high temperature LOCA testing. Qualified cables preclude the need to qualify the flexible conduit. The Rockbestos cable requalification test program will reinforce the qualification status of their cables which will also preclude the need to qualify the flexible conduit. Reference JCO-OC-85-20. For Endevco cable reference JCO-OC-85-16.</p>

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83-72 (Continued)			#12 This sub-notice references IN-83-40 "Need to Environmentally Qualify Epoxy Grouts and Sealers" and IN-83-45 "EQ Test of GE Co. CR-2940 Position Selector Control Switch." IN-83-40 does not apply to Oyster Creek electrical equipment qualification. See above for the response to IN-83-45.
			#19 ITE Gould circuit breaker - the EQ documentation package is currently under preparation and will address this sub-notice therein. A type of circuit breaker identified in the notice is used at Oyster Creek. See JCO-OC-85-21
			#21 Barksdale pressure switches, models B2T and D2H. Oyster Creek utilizes a qualified model B2T.
			#22 Static-O-Ring pressure switches, models 5N and 12N. Oyster Creek uses SOR model 12N. Reference JCO-OC-85-5.
			#24 Limitorque valve operators. Various concerns identified in the sub-notice have been evaluated and resolved. Further evaluation is currently in progress for applicability to Oyster Creek. Reference JCO-OC-85-2, 3, 4, 40, 41, 42 and 44.
84-23	Results Of NRC Sponsored Qualification Methodology Research Test On ASCO Solenoid Valves	No	The IE Notice describes the failure of two ASCO solenoid valves NP-8316 and NP-8344. Neither of these two types are used in a safety application in a harsh environment at Oyster Creek. As such this notice is not applicable.

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84-44	Environmental Qualification Testing Of Rockbestos Cables	Yes	The IE Notice describes QA related program concerns at Rockbestos which may adversely affect the environmental qualification of their cables. As a result, Rockbestos is currently performing a re-qualification test program. Reference JCO-OC-85-20.
84-47	Environmental Qualification Test Of Electric Terminal Blocks	Yes	The IE Notice describes concerns that may exist when terminal blocks are exposed to a steam environment. Terminal blocks used in safety related applications in a harsh environment at Oyster Creek have been qualified for the conditions they will be exposed to.
84-57	Operating Experience Related To Moisture Intrusion In Safety Related Electrical Equipment At Commercial Power Plants	Yes	Class 1E equipment located in a harsh environment at Oyster Creek is qualified to the effects of humidity during normal/accident conditions. When moisture intrusion has been excluded or minimized during qualification testing, the manufacturer or GPU recommends the use of seals or installation methods to minimize moisture intrusion. EQ related maintenance/surveillance requirements are identified to the Plant on the SCEWs. The preventive actions in IEN-84-57 are under review.
84-68	Potential Deficiency In Improperly Rated Field Wiring To Solenoid Valves.	Yes	The concern identified in this notice is applicable to a few safety related solenoid valves at Oyster Creek. Alternate methods for eliminating the concern are currently under review and will be addressed in the EQ documentation package for each type of solenoid valve affected.

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84-78	Underrated Terminal Block That May Adversely Affect Operation Of Essential Electrical Equipment	No	The IE Notice describes a deficiency concerning Vernitron Incorporated underrated terminal blocks used only in Limitorque SMC-04 type motor operators. This type of operator is not used at Oyster Creek. As such, this IE Notice is not applicable.