



GPU Nuclear
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Writer's Direct Dial Number:

March 1, 1983
5211-83-054

Office of Nuclear Reactor Regulation
Attn: J. F. Stolz, Chief
Operating Reactor Branch No. 4
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

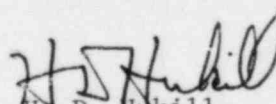
Dear Sir:

Three Mile Island Nuclear Station, Unit 1 (TMI-1)
Operating License No. DPR-50
Docket No. 50-289
SER - Environmental Qualification

In response to your letter of December 10, 1982, GPUN has reviewed your SER and the attached TER by Franklin Research Center with particular attention to NRC categories I.B., II.A and II.B. As discussed in a telephone conversation between L. W. Harding (GPUN) and J. Van Vliet (NRC) on February 2, 1983 and V. Noonan (NRC) on February 8, GPUN requests a meeting with the NRC and FRC to discuss, in detail, misunderstandings we have noted in the TER.

Enclosed for your information and in advance of our meeting is a matrix indicating apparent misunderstanding's we have noted in the analysis performed by FRC. Until such time as a meeting is held and these items are resolved, a schedule for corrective action cannot be developed. However, it is our intention to assure environmental qualification of class IE electrical equipment in harsh environments by March 31, 1985, as required by 10 CFR 50.49. Based on the above, the schedule for our 90 day response will be determined pending the outcome of our meeting.

Sincerely,


H. D. Hukill
Director, TMI-1

HDH:LWH:jrg
Attachment
cc: J. Van Vliet
R. C. Haynes
V. Noonan

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A048

DN-1 TECHNICAL EVALUATION REPORT (TER) FOR ENVIRONMENTAL QUALIFICATION GENERIC
MISUNDERSTANDINGS FOR NRC CATEGORIES I.B, II.A, II.B

Identification Key:

- + Limitorque
- o ASCO Solenoid Valve
- C/E & W Motors
- * Common
- / Transmitters
- # Limit Switch

Problem	TER Item No. & Key																																														
	1*	2*	3*	6*	7*	10*	11*	34*	15*	26*	27*	28*	29*	32*	36*	49*	50*	51*	53	57	60	66*	67*	71*	78*	79*	81*	93	98	106*	107*	108*	109*	111*	114*	115*	116*	118*	119*	120*							
1. Mild area operation				x	x					x					x	x																															
2. Not required to function after HELB				x	x					x					x								x	x																							
3. Part deleted from plant																																															
4. FRC did not request SCEW references	x	x	x	x	x	x	x	x	x	x																																					
5. Documents used by FRC but did not apply	x	x	x	x	x	x	x	x	x	x																																					
6. Discrepancy between the identified deficiency and the TER notes	x	x	x	x	x	x	x	x	x	x																																					
7. Test 203 did include Model 8300 ASD																																															
8. Missing documents not requested	x	x																																													
9. Brakes differ only in size			x																																												
10. Component/Materials Evaluations not reviewed by FRC	x	x	x																																												
11. Part was replaced																																															
12. Cold Shutdown																																															

Static "O" Ring press.
Bailey E/p

display
display