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POWER AUTHORITY OF THE STATE OF NEW YORK
JAMES A. FITZPATRICK NUCLEAR POWER PLANT



JOHN D. LEONARD, JR.
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August 31, 1979
JAFP 79-456

Boyce H. Grier, Director
United States Nuclear Regulatory Commission
Region I
631 Park Avenue
King of Prussia, PA. 19406

SUBJECT: DOCKET NO. 50-333
NRC I&E BULLETIN NO. 79-01

Dear Mr. Grier:

The attached table is submitted in response to a recent request by your staff. The table summarizes and supplements our previous responses concerning environmental qualification of Class 1E electrical equipment (I&E Bulletin 79-01).

Very truly yours,

JOHN D. LEONARD, JR.
RESIDENT MANAGER

JDL:RJP:brp

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BULLETIN/ CIRCULAR NO.	COMPONENT DESCRIPTION	MANUFACTURER	MODEL	ACCIDENT	QUALIFICATION ENVIRONMENT	QUAL. TYPE and DOCUMENTATION
77-05: Connector Assemblies	Control Rod Position Indication	--	--	LOCA	Not Required to Operate During LGCA D.B. event.	N/A
	SRM/IRM Positioning Equipment	--	--	LOCA	Not Required to Operate	N/A
	TIP Indexing System	--	--	LOCA	Not Required to Operate	N/A
	Safety Relief Valve Leak Detection Circuit	Amphenol	(Pin and Socket)	LOCA	Not Required to Operate	N/A
77-05A: Connector Assemblies	M.S.I.V.'s (Outboard)	No Connectors	--	M.S. Line Break	N/A	N/A
	M.S. Tunnel Temp. Sensors	No Connectors	--	M.S. Line Break	N/A	N/A
	M.S. Line Pressure Sensors	No Connectors	--	M.S. Line Break	N/A	N/A
77-06: Electrical Penetration Assemblies	(12) Penetration Assemblies	G.E.	Type NS-02 Type NS-03 Type NS-04	LOCA	Three prototype assemblies subjected to 280° F, 63 psig, 100% R.H. for 10 days with cables energized. Epoxy compound given accelerated life tests to simulate 40 years normal reactor environment.	Prototype - See Note 1
78-02: Terminal Block Environmental Qualification	MSIV Terminal Blocks	Buchanan	--	LOCA	Qualification unable to be verified. They have been replaced with GE Type EB-5.	N/A
		G.E.	EB-5	LOCA	Same type as tested in Elect. penetrations	See Note 1

NOTE 1: PROPRIETARY INFORMATION - AVAILABLE FOR REVIEW AT G.E.'s FACILITIES.

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