



**Commonwealth Edison**  
 One First National Plaza, Chicago, Illinois  
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*DMB*

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October 5, 1983 *right*

Mr. James G. Keppler, Regional Administrator  
 - 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  
 LaSalle County Station Units 1 and 2  
 Bryon Station Units 1 and 2  
 Braidwood Station Units 1 and 2  
 Update of EQEE Testing Schedules  
 NRC Docket Nos. 50-237/249, 50-254/265,  
 50-295/304, 50-373/374, 50-454/455 and  
 50-456/457

Reference (a): T. J. Rausch letter to D. G. Eisenhut  
 dated May 28, 1981 (TJR 81-100)

Dear Mr. Keppler:

Reference (a) committed the Commonwealth Edison Company to periodically provide the NRC Staff with an updated schedule for ongoing environmental qualification testing programs concerning our Dresden, Quad Cities, Zion, LaSalle County, Byron and Braidwood Stations. Accordingly, enclosed for your information and use are the current qualification testing program schedules for our Stations.

Please note that the dates given for current qualification activities should be viewed as "target-dates" and not as firm dates. This understanding will allow for any perturbations within the test programs that may arise due to circumstances beyond the control of the Commonwealth Edison Company.

Please address any questions concerning this matter to this office.

Respectfully,

*P. L. Barnes*

P. L. Barnes  
 Nuclear Licensing Administrator

Enclosure

cc: US NRC Document Control Desk  
 Washington, DC 20555

J. R. Agee - RIV

7419N

OCT 6 1983

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 PDR ADOCK 05000237  
 PDR

*IEQ/11*

Enclosure

COMMONWEALTH EDISON COMPANY

Schedule of Equipment Qualification Test Programs for:

Dresden Station  
Quad Cities Station  
Zion Station  
LaSalle Station  
Byron Station  
Braidwood Station

7419N

SCHEDULE OF EQUIPMENT QUALIFICATION TEST PROGRAMS  
FOR BYRON/BRAIDWOOD

Page 1 of 1  
8-19-83

DEVICE	MFR	MODEL	LOC	NSSS BOP	QUAL LEVEL	TEST COMPLETION DATE	COMMENTS
Diesel Drives	Detroit Diesel	16V149 8V71			NUREG 0588 CAT I	4th Qtr 83	SWRI - Stewart Stevenson
Diesel Generator (Standby)	Cooper Energy Services				NUREG 0588 CAT I	4th Qtr 83	Wyle
Panels, Heating and Ventilating	Johnson Controls				NUREG 0588 CAT I	4th Qtr 83	Acton HVAC Controls
Relay, Control	W.E. Corp.	AR440 AR660	OC		NUREG 0588 CAT I		Wyle Q.P. 17493-11 2-2-82
Relay, Latching	Potter & Brumfield		OC	MDR 7036	NUREG 0588 CAT I		Wyle Q.P. 17493-14 3-8-82
Relay, Lockout	Electro- switch	782800	OC		NUREG 0588 CAT I		Wyle Q.P. 17493-16 4-12-82
Switches, Selector	W.E. Corp.	012	OC		NUREG 0588 CAT I	On-Hold	Wyle Q.P. 17493-08 2-16-82
System, R.G.1.97	W.IGTD					11-83	ESE-52

SCHEDULE OF EQUIPMENT QUALIFICATION TEST PROGRAMS  
FOR LASALLE COUNTY

Page 1 of 4

8-10-83

ITEM	DEVICE	MFR	MODEL	LOC	NSSS BOP	QUAL LEVEL	TEST COMPLETION DATE	COMMENTS
	Actuator, Damper Valve	ITT General Controls	Series NH91 AH91 AH95	OC	BOP	NUREG 0588 CAT I	4th Qtr. 83	Vendor Testing.
*	Board, Terminal	GE	EB5 6422482G12	OC			3-85	
*	Box, Oil Tight	Hoffman	A-4025C A-4035C	OC			3-85	
*	Connector, Conduit	Anaconda	Sealtite UAP	OC			3-85	
*	Connector, Conduit	Thomas & Bett	5331 Thru 35 5341 Thru 45 5351 Thru 55				3-85	
	Heater	Nutherm	Standard	OC		NUREG 0588 Cat I	1st Qtr. 84	Vendor Testing
	Converter, Radiation Sensor	G.E.	194X927	IC	NSSS	NUREG 0588 CAT I	1st Qtr. 84	Test on Connector Only
	Detector, Intermediate Range Neutron	G.E.	112C3144	IC	NSSS	NUREG 0588 CAT I	1st Qtr. 84	Test on Connector Only

\*Included in another test

SCHEDULE OF EQUIPMENT QUALIFICATION TEST PROGRAMS

FOR LASALLE COUNTY

8-10-83

ITEM	DEVICE	MFR	MODEL	LOC	NSSS BOP	QUAL LEVEL	TEST COMPLETION DATE	COMMENTS
	Detector, Radiation	Gen. Atomic	RD-23	IC	BOP	NUREG 0588 CAT I	1st Qtr.84	Test on Connector only Wyle Labs
	Diesel/ Generator	Electro- Motive Div GM	EMD645	OC	BOP	NUREG 0588 CAT I	2nd Qtr 84	SWRI-Stewart Stevenson ESAP
	Diesel/ Generator	Electro- Motive Div GM	EMD645	OC	NSSS	NUREG 0588 CAT I	2nd Qtr 84	SWRI-Stewart Stevenson HPCS Separate Joint Program with IP.
	Element, Flow	S&K	20-9651-8550	OC HELB	NSSS	NUREG 0588 CAT I	1st Qtr 84	Test begun at Wyle Labs in June 1983.
	Element, Temperature	PYCO	N145C3224	OC HELB	NSSS	NUREG 0588 CAT I	3rd Qtr	Awaiting results of Vendor testing.
*	Enclosures	Hoffman	A-1008CH A-1210CH A-1412CH A-6044CH	OC			3-85	
*	Lugs, Ring Terminal	Hollings Worth	HDR61 HDR62 HDR63 HDR64 R18855 R18915 R5109	OC			3-85	

\*Included in another test

SCHEDULE OF EQUIPMENT QUALIFICATION TEST PROGRAMS

FOR LASALLE COUNTY

8-10-83

ITEM	DEVICE	MFR	MODEL	LOC	NSSS BOP	QUAL LEVEL	TEST COMPLETION DATE	COMMENTS
	Motor Control Center	Klockner Moeller	Series 170	OC	BOP	NUREG 0588 CAT I	3rd Qtr. 84	Testing scheduled to begin by Oct 83 at Wyle Labs
	Motor Control Center	System Control	Custom	OC	BOP	NUREG 0588 CAT I	3rd Qtr. 83	Problem with a Westinghouse relay failure yet to be resolved.
	Panel, Control	MCC Powers	Custom	OC	BOP	NUREG 0588 CAT I	2nd Qtr. 84	Devices of interest tested in local panel test.
	Panel, Hydrogen- Oxygen Analyzer	Comsip Delphi	K-IV	OC	BOP	NUREG 0588 CAT I	Unknown	Vendor Testing
	Panels, Local (Components of)	Note:	All *id items are part of this test.		NSSS	NUREG 0588 CAT I	2nd Qtr 84	Test to begin at Wyle Labs in Sept 83
	Recombiner, Hydrogen	Atomics International	N116000024-03	OC	BOP	NUREG 0588 CAT I	Unknown	Vendor Testing.
	Sealant, Silicone	Dow Corning Bisco	96-081 Loca Seal	IC	NSSS BOP	NUREG 0588 CAT I	3rd Qtr 83	Wyle Doing full Qual test on Dow & Bisco LOCA Seal.

## SCHEDULE OF EQUIPMENT QUALIFICATION TEST PROGRAMS

Page 4 of 4

FOR LASALLE COUNTY

8-10-83

ITEM	DEVICE	MFR	MODEL	LOC	NSSS BOP	QUAL LEVEL	TEST COMPLETION DATE	COMMENTS
	Switch, Differential Pressure	Barton	289A	OC HELB	NSSS	NUREG 0588 CAT I	3-85	Will be qualified by similarity to Barton 288A.
	Switch, Level	Magnetrol	3.5-751 5.0-751	OC HELB	NSSS	NUREG 0588 CAT I	2nd Qtr 84	Vendor testing at Acton - proved inadequate. CECO QUAL actions to begin.
	Switch, Pressure	Barton	288A	OC	NSSS	NUREG 0588 CAT I	1st Qtr 84	Test begin at Wyle in August 83.
	Transmitter, Flow	S&K	91X-16-4-20	Turb Bldg		NUREG 0588 CAT I	2nd Qtr 84	Test began at Wyle in July 1983
	Transmitter, Flow	Validyne	P232	OC	BOP	NUREG 0588 CAT I	4th Qtr 83	Wyle Test J/N 17587 Test in progress at Wyle
	Valve, Solenoid (SRV)	Crosby	CVG-01	IC	NSSS	NUREG 0588 CAT I		Improved design will be tested. (By Vendor)
	Connector on SRV	ITT Cannon	CVA6R145-2SN CVA2R145-2PN	IC	NSSS	NUREG 0588 Cat I	1st Qtr 84	Test to begin at Wyle in August 1983
	VMO	Limitorque	SMB-0	OC	BOP NSSS	NUREG 0588 Cat I	2nd Qtr 84	Test began at Wyle in August 1983
	Explosive Valve	Conax	(New)	OC	NSSS	NUREG	2nd Qtr 84	Awaiting results of vendor test.

## SCHEDULE OF EQUIPMENT QUALIFICATION TEST PROGRAMS

Page 1 of 2

FOR DRESDEN/QUAD CITIES

8-10-83

ITEM	DEVICE	MFR	MODEL	LOC	NSSS BOP	QUAL LEVEL	TEST COMPLETION DATE	COMMENTS
	Cable	G.E.	Butyl Ru Ins PVC Jckt	OC HELB	NA	DOR Guidelines	1st Qtr '84	Wyle Labs-Bechtel Spec 13524-E-1A(Q) EDS Evaluating
	Cable	Simplex	Butyl Ru Ins PVC Jckt	OC HELB	NA	DOR Guidelines	1st Qtr '84	Wyle Labs-Bechtel Spec 13524-E-1A(Q) EDS Evaluating
	Cable	Simplex	3/C Twisted Overall Shld	OC HELB	NA	DOR Guidelines	1st Qtr '84	Wyle Labs-Bechtel Spec 13524-E-1A(Q) EDS Evaluating
	Cable	Simplex	Single/Multi Pr Overall Shld	OC HELB	NA	DOR Guidelines	1st Qtr '84	Wyle Labs-Bechtel Spec 13524-E-1A(Q) EDS Evaluating
	Gauge Pressure XMTR	G.E.	GEMAC 551	OC	NA	DOR Guidelines	Complete	Wyle Labs-Bechtel Spec 13524-E-1A(Q) Q.P. 45916-04 Qtr. 45917-1
	Differential Pressure XMTR	G.E.	GEMAC 553	OC	NA	DOR Guidelines	Complete	Wyle Labs-Bechtel Spec 13524-E-1A(Q) Q.P. 45916-04 Qtr. 45917-1



## SCHEDULE OF EQUIPMENT QUALIFICATION TEST PROGRAMS

Page 2 of 2

FOR DRESDEN/QUAD CITIES

8-10-83

ITEM	DEVICE	MFR	MODEL	LOC	NSSS BOP	QUAL LEVEL	TEST COMPLETION DATE	COMMENTS
	Pilot Solenoid Valve MSIV Pneumatic Control Manifold	AVCO		OC	NA	DOR Guidelines	2nd Qtr 84	TVA Owners Group Wyle Q.P. 17460-26 (11-82)
	MCC	G.E.	Type 7700	OC	NA	DOR Guidelines	4th Qtr 83	Wyle Labs-Bechtel Spec 13524-E-1A(Q)
	4.76 KV SWGR	G.E.	NP0195A4072	OC	NA	DOR Guidelines	3rd Qtr 83	Wyle Labs-Bechtel Spec 13524-E-1A(Q)
	Breaker	Westinghouse	EH	OC	NA	DOR Guidelines	4th Qtr 83	Presently Analyzing
	Diesel/Generator	Electro-Motive Div GM	EMD645	OC	BOP	NUREG 0588	2nd Qtr 83	SWRI-Stewart Stevenson (Dresden U1) On Hold
	Diesel/Generator	Detroit Diesel	16V149	OC	BOP	NUREG 0588	2nd Qtr 83	SWRI-Stewart Stevenson (Dresden U1) On Hold

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## SCHEDULE OF EQUIPMENT QUALIFICATION TEST PROGRAMS

Page 1 of 1

FOR ZION

8-10-83

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DEVICE	MFR	MODEL	LOC	<u>NSSS</u> <u>BOP</u>	QUAL LEVEL	TEST COMPLETION DATE	COMMENTS
Valve Actuator	Chicago Fluid Power	EHO-6- 3-FC			382-80	4th Qtr '83	American Environments Company Inc. Test Procedure STP-45680-2

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TJH/nh  
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