

Detroit

2000 Second Avenue
Detroit, Michigan 48226
(313) 237-8000

June 29, 1981
EF2 - 53,895

Mr. L. L. Kintner
Division of Project Management
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Kintner:

Reference: Enrico Fermi Atomic Power Plant, Unit 2
NRC Docket No. 50-341

Subjects: 1. Geotechnical Branch Questions (GB-1)
2. Seismic Qualification (SQRT) Informa-
tion (EQB-1)

Please find enclosed the following information in response to NRC Staff concerns:

Item 1

Geotechnical Branch - In response to Dr. Banad Jagannath's questions on our submittal EF2-53,866 (June 23, 1981), we are enclosing one set of Figures 1 through 5 referenced in this transmittal.

Item 2

Equipment Qualification Branch - In reference to EF2-53,513 dated June 18, 1981, we are enclosing one copy each of Tables 1A and 1B (Revision A, June 24, 1981). These tables contain location and installation status for GE supplied equipment. This data supplements previous equipment qualification data for seismic and hydrodynamic loads which was supplied in EF2 - 53,573.

Sincerely,

W. F. Colbert

William F. Colbert
Technical Director
Enrico Fermi 2

8106800534

A

WFC:jl

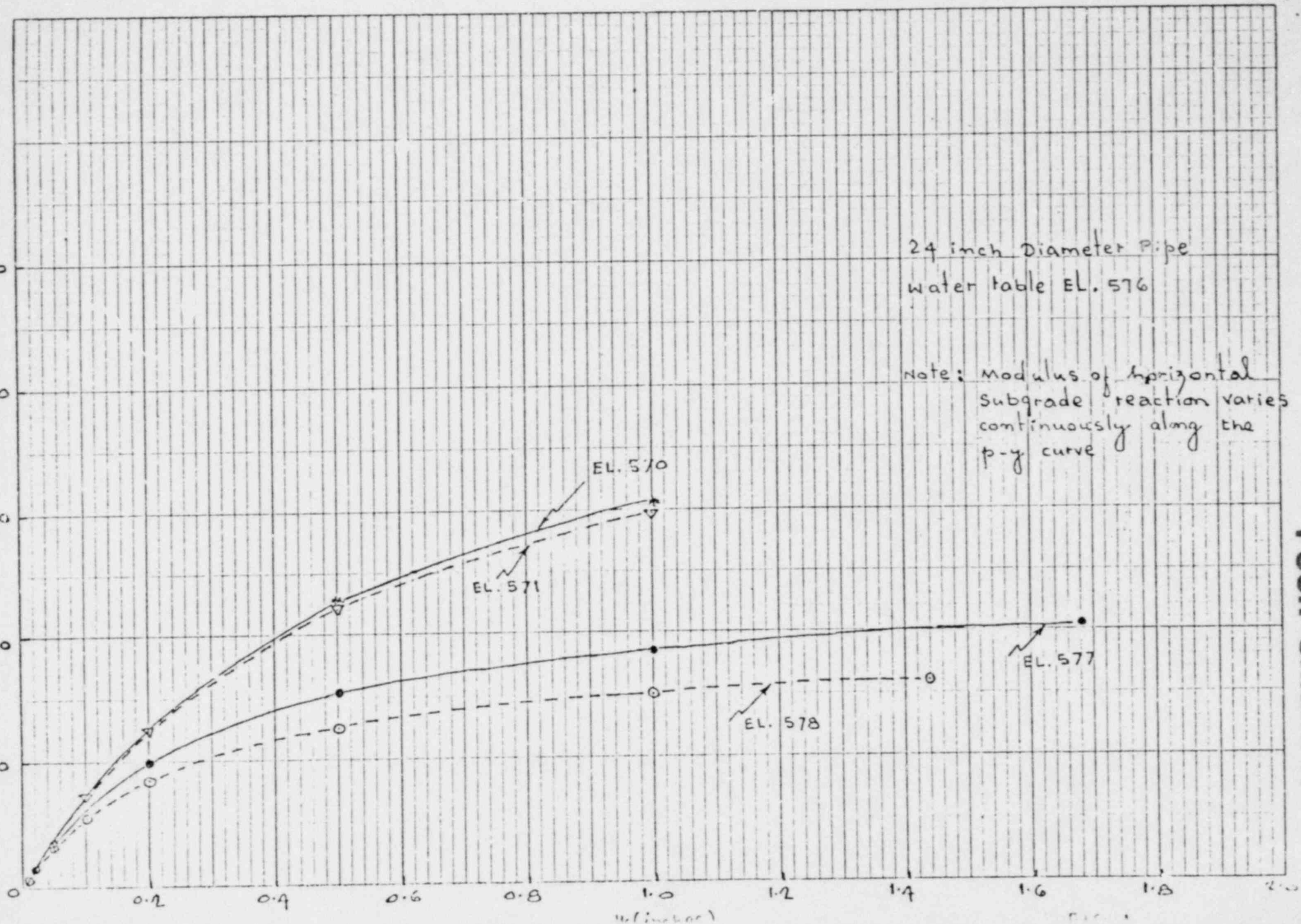
Attachments

cc: B. Little

Boo
5/11

24 inch Diameter Pipe
water table EL. 576

Note: Modulus of horizontal
subgrade reaction varies
continuously along the
p-y curve

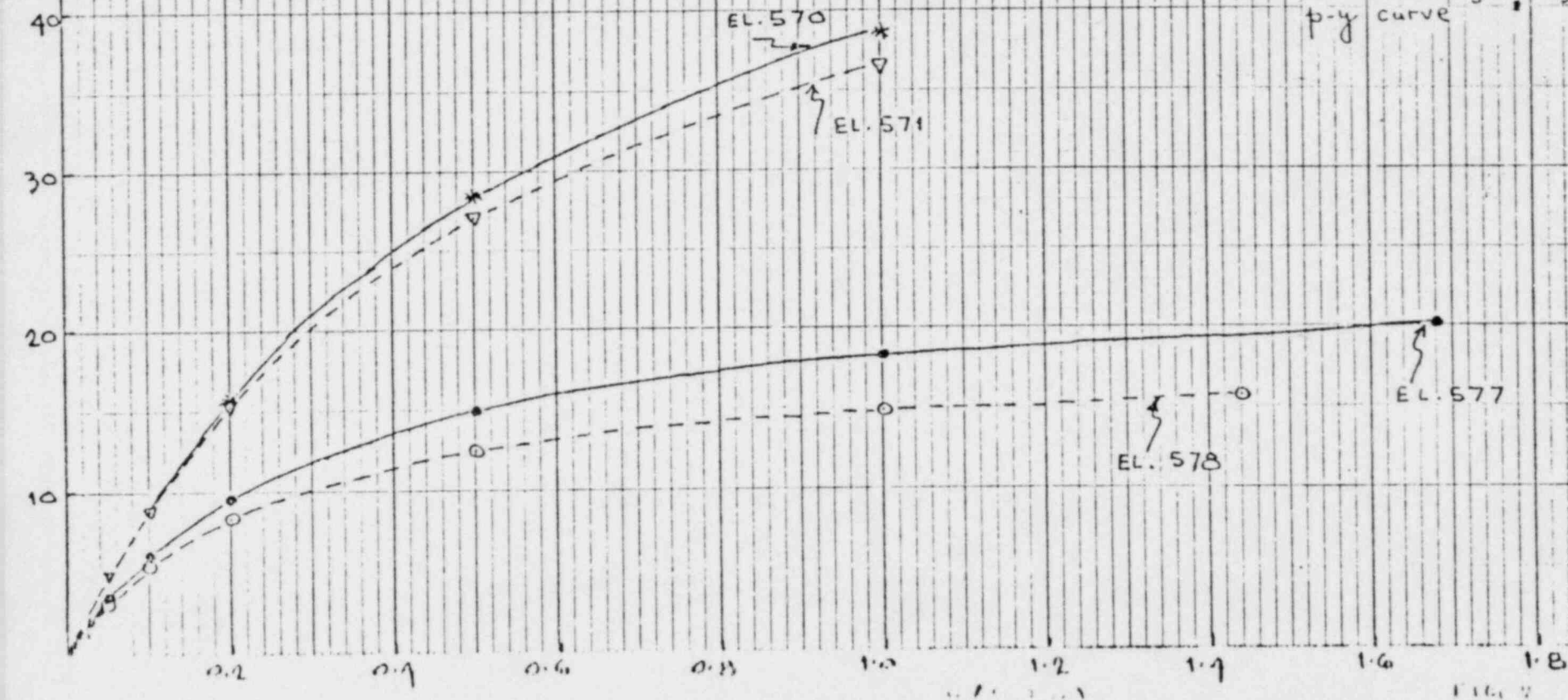


POOR ORIGINAL

Lateral Fr. (kips)

24" ϕ Pipe
water table EL 583

Note: modulus of ~~the~~ horizontal
subgrade reaction varies
continuously along the
p-y curve



POOR ORIGINAL

46 0780

10 X 10 TO THE INCH 7 X 10 INCHES
K&E REUPPEL & ESSER CO. MADE IN U.S.A.

Project Nos. 5285-13/14

SLS No. 1877

June 22, 1981

10" ϕ pipe
Water table EL. 576

Note: Modulus of horizontal
subgrade reaction varies
continuously along the
p-y curve

Lateral Pr. P (psi)

100

80

60

40

20

0

EL. 570

EL. 571

EL. 577

EL. 578

y (inches)

1.8

1.6

1.4

1.2

1.0

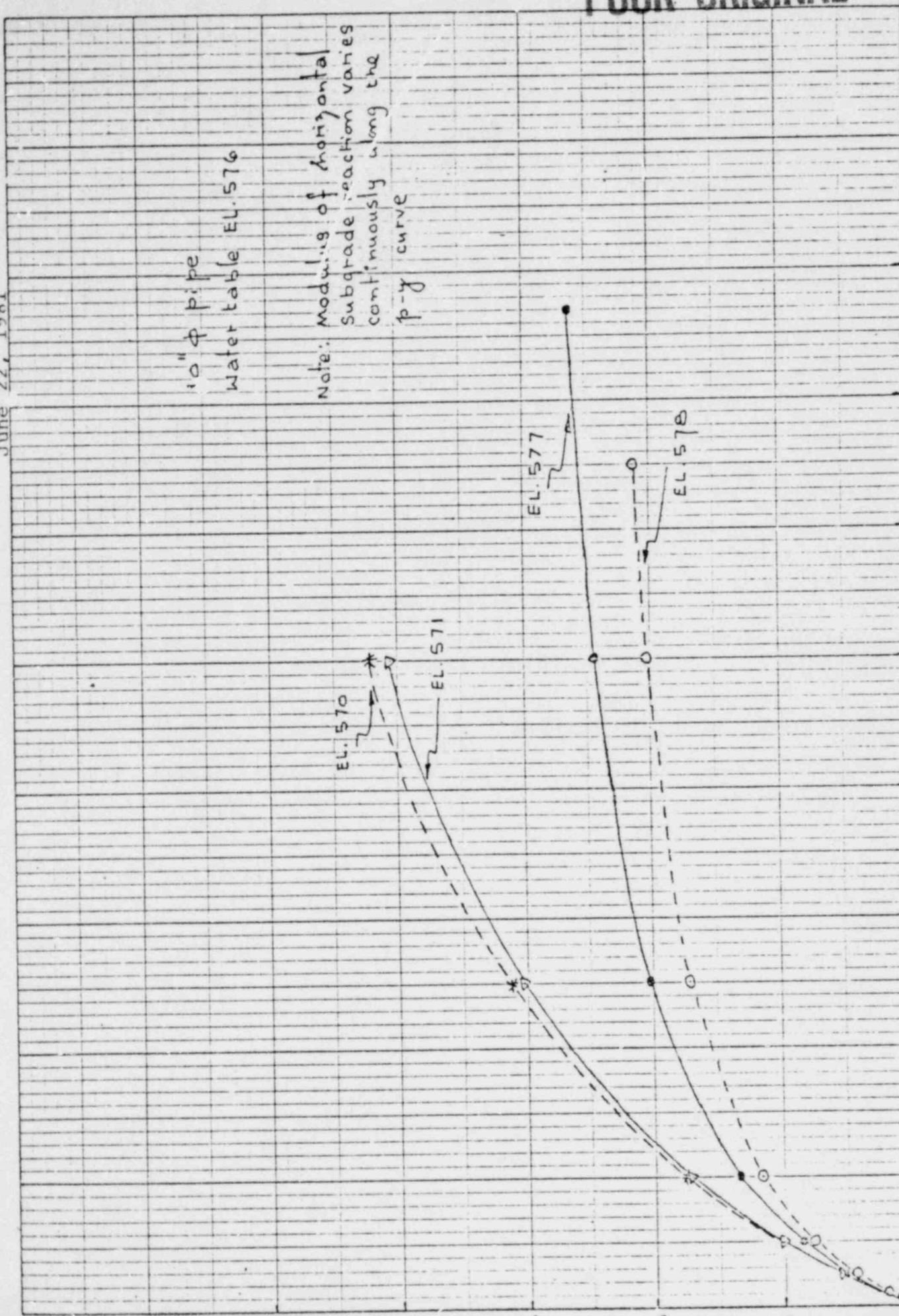
0.8

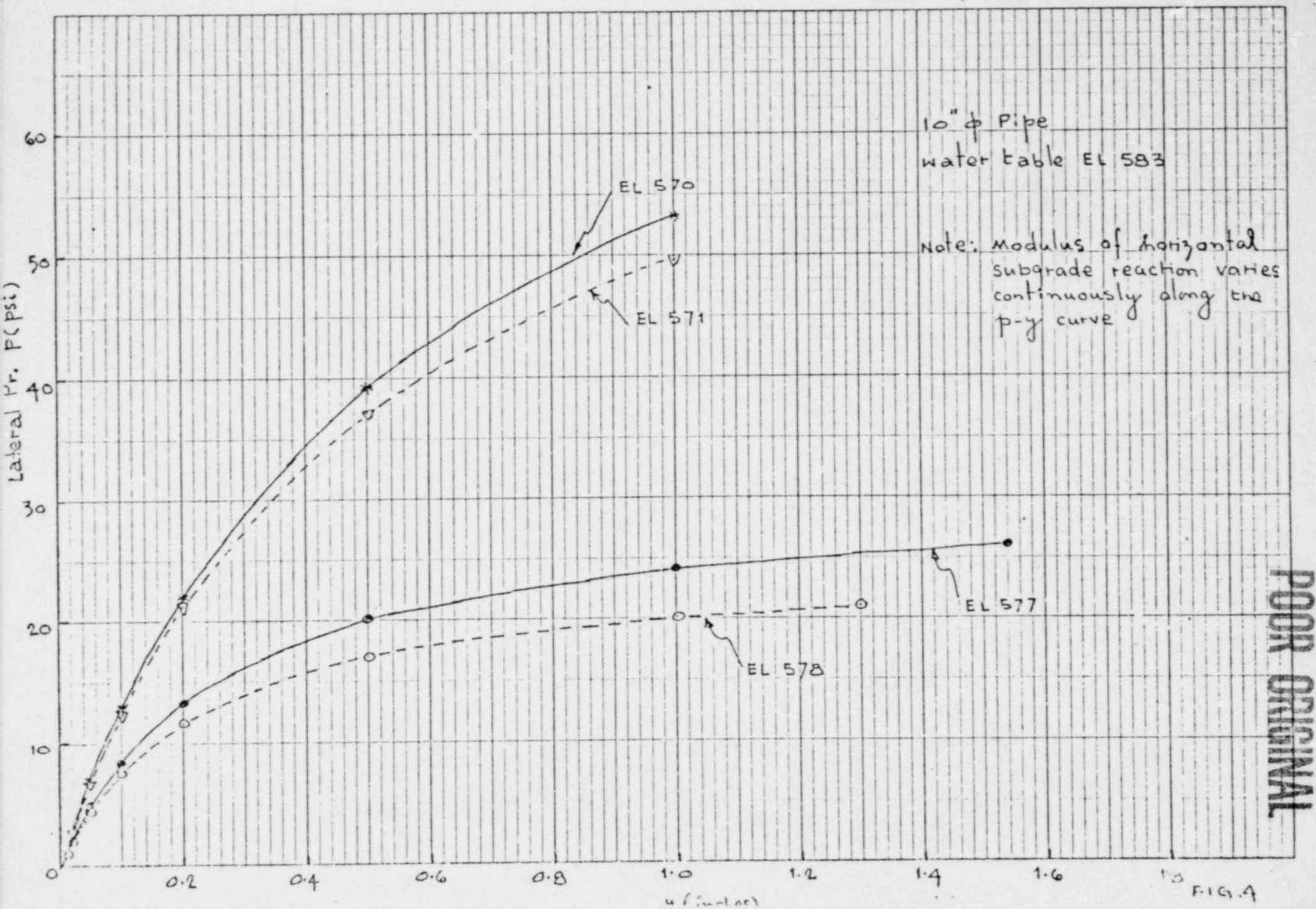
0.6

0.4

0.2

FIG. 3





POOR ORIGINAL

Project Nos. 5285-13/14

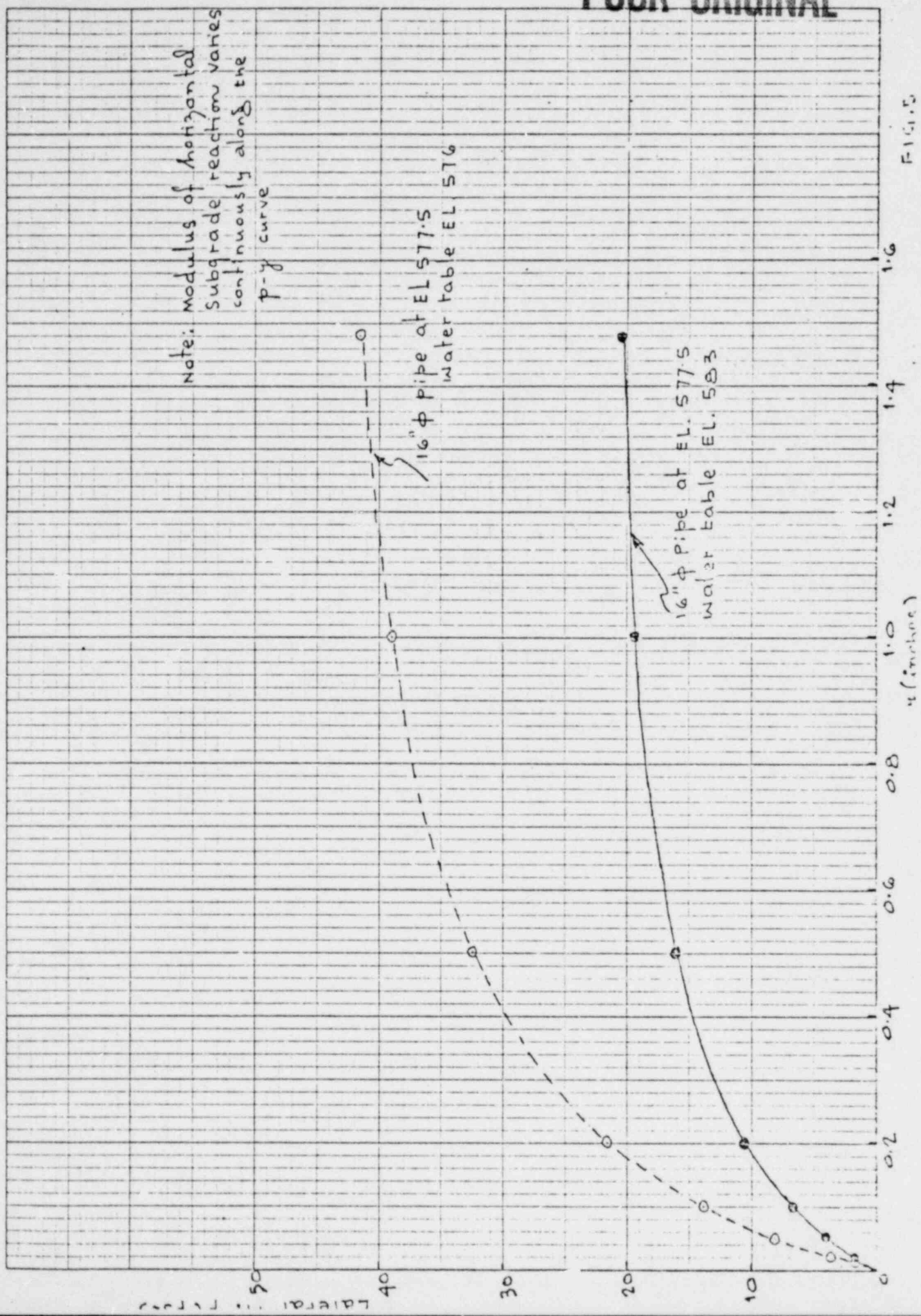
SLS No. 1877

June 22, 1981

POOR ORIGINAL

FIG. 5

Note: modulus of horizontal
subgrade reaction varies
continuously along the
p-y curve



SEISMIC QUALIFICATION SUMMARY OF EQUIPMENT

ENRICO FERMI ATOMIC POWER PLANT, UNIT 2

DETROIT EDISON

TABLE 1A - **NSSS**

ESSENTIAL MECHANICAL EQUIPMENT

MAY 5, 1981

REV. A : JUNE 24, 1981

LEGEND: RB = REACTOR BLDG

SEISMIC QUALIFICATION SUMMARY OF EQUIPMENTS
ENRICO FERNI ATOMIC POWER PLANT, UNIT 2 (B1001) EDISON

S-4-81

Package ID	Vendor	Equipment	WPL No.	Test/Analysis (T/A)	$\frac{1}{2} \left(\frac{R}{S} + \frac{R}{S} \right)$	T331			Analysis		Shutdown M/C or M/C or Neither (M-Not) C-Cold	Location Bldg./ Elev.	B = S = C	Edison File No.	Remarks	Materials
						Free	Single/ Mult (S/M)	Single/ Mult (S/B)	Static/ Dynamic (S/D)	1st Nat Freq.						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)		
	C. E.	Reactor Vessel (IN/VEP)	011-0001	A	M	--	--	--	D	0.377	M/C	R ^B 600-5	YES		Vendor: Combustion Engineering Ref. 64 Jall 778 Rev. 2	Y
	R. D. M.	Thread (TOP)	011-0001	--	--	--	--	--	S		M/C	R ^B 630-10	YES		De Nederlandse Droomdicht M/J R. V. (R. D. M.)	Y
	R. D. M.	Core Support	011-0003	A	--	--	--	--	S	N/A	M/C	R ^B 611-10	YES		"	Y
	R. D. M.	Top Guide	011-0004	--	--	--	--	--	S		M/C	R ^B 630-10	NO		"	Y
	G. E.	Peripheral Fuel Support	011-0007	A	M	--	--	--	S	>30	M/C	R ^B 630-10	YES			M
	R. D. M.	Aligner	011-0009	A	--	--	--	--	S	--	M/C	R ^B 617-0	NO		De Nederlandse Droomdicht M/J R. V. (R. D. M.)	M
	G. E.	Core Support Bolt	011-0013	A	S	--	--	--	S	77110	M/C	R ^B 611-10	YES		G. E. - Wilmington	Y
	G. E.	Peripheral Fuel Support	011-0024	A	M	--	--	--	S	>30	M/C	R ^B 630-10	YES			M
	G. E.	Peripheral Fuel Support	011-0025	A	M	--	--	--	S	>30	M/C	R ^B 630-10	YES			M
	G. E.	Peripheral Fuel Support	011-0026	A	M	--	--	--	S	>30	M/C	R ^B 630-10	YES			M
	Murdock	Steam Dryer	011-0041	--	--	--	--	--	S	--	M	R ^B 637-0	NO		Non-Essential	M
	G. E.	Head Cooling Spray Nozzle	011-0072	A	M	--	--	--	S	52.5	M/C	R ^B 674-0	NO		G. E. - Wilmington	M
	CBIR	Differential Pressure & Liquid Control Line	011-0073	A	S	--	--	--	S	71	M/C	R ^B 607-10	YES		Vendor: Chicago Bridge and Iron Nuclear	M
	Murdock	Core Spray Line SPARGER	011-0076	A	--	--	--	--	D	0.6	M	R ^B 632-5	NO			M
	Murdock	Core Spray Line SPARGER	011-0077	A	--	--	--	--	D	0.6	M	R ^B 632-5	NO			M
	G. E.	Clamp	011-0078	A	M	--	--	--	D	N/A	M/C	R ^B 632-5	NO		Part of piping & does not have a F within itself.	M
	G. E.	Hexagon Head Bolt	011-0079	A	M	--	--	--	D	N/A	M/C	R ^B 632-5	NO		Part of piping and does not have a F within itself.	M
	Murdock	Feeder Sparger	011-0081	A	M	--	--	--	D	76	M	R ^B 642-0	NO		Non-Essential	M
	G. E.	CRD Housing TOP	011-0141	A	S	--	--	--	S&D	18.4	M/C	R ^B 606-5	YES			Y
	G. E.	CRD Housing TOP	011-0142	A	S	--	--	--	S&D	18.4	M/C	R ^B 606-5	YES			Y
	G. E.	CRD Housing TOP	011-0143	A	S	--	--	--	S&D	18.4	M/C	R ^B 606-5	YES			Y

POOR ORIGINAL

SEISMIC QUALIFICATION SUMMARY OF EQUIPMENTS
 EMBRIC FERNI ATOMIC POWER PLANT, UNIT 2 DRI MOIT EDITION

S-4-81

Vendor	Equipment	NPL No.	Test/Analysis (T/A)	1/2 (E/S) S	Tests		Analysis		Structure M, C or N/C or Neither (N-Not) (C-Cold)	Location Bldg./ Floor.	Y N N/A	Edison File No.	Remarks	
					Fract. Single/ NPL (S/M)	Bulk Single/ NPL (S/M)	Static/ Dynamic (S/D)	1st Net Frm.						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
G. F.	CRD Housing TOP	811-0144	A	S	--	--	--	S B D	18.4	N/C	606-5	YES		
G. E.	CRD Guide Tube BTM	811-0145	A	M	--	--	--	S B D	12-22	N/C	606-5	NO		
G. E.	CRD Drive	811-0146	T	S	S	S	S	--	--	N/C	590-10	NO		
G. E.	Control Rod TOP	811-0147	T	M	S	S	S	--	--	N/C	606-5	NO		
G. E.	In-Core Housing BTM	811-0190	A	S	--	--	--	S B D	7/2.1	N/C	590-1	YES		Central/Peripheral (Col. 10)
G. E.	In-Core Guide Tube TOP	811-0199	A	S	--	--	--	S B D	4/17.4	M	632-5	YES		Central/Peripheral (Col. 10)
G. E.	Jet Pump THROAT	811-0233	A	S	--	--	--	S	725	P	624-10	YES		1.5 Amplification Factor
G. E.	Jet Pump THROAT	811-0234	A	S	--	--	--	S	725	M	624-10	YES		1.5 Amplification Factor
G. E.	Jet Pump Blower Brace	811-0236	A	S	--	--	--	S	7100	C	625-9	YES		1.5 Amplification Factor
G. E.	Jet Pump Adapter	811-0243	A	S	--	--	--	S		M	624-1	YES		G.E. - RAIN
Nordock	Reactor Vessel Support	811-0001	A		--	--	--	S		N/C	591-0	YES		G.E. Design- Various Vendors
Nordock	Reactor Vessel Stabilizer	811-0002	S		--	--	--	S		N/C	615-5	NO		G.E. Design-Various Vendors
Nordock	CRD Housing Wall/Frame	811-0007	A		--	--	--	S		N/C	597-0	NO		G.E. Design-Various Vendors
Target Rock	Safety Relief Valve	871-F013	T	M	M	B	B	--	740	C	612-0	NO		No F _g below 60 Hz
Alwood Murrill	Isolation Valve	871-F022	A	M	--	--	--	S B D	13.3	C	581-4	YES		
Alwood Murrill	Isolation Valve	871-F028	A	M	--	--	--	S B D	13.3	C	581-5	YES		
Permetit	Flow Element TOP	871-M005								M	600-5	YES		Later
T. P. B.	Primary Steam Piping	871-G001	A	M	--	--	--	S B D		N/C	605-3	YES		Vendor- Texas Pipe Ramping
ITT	Steam Pipe Suspension	871-G002	None	S	--	--	--	--	--	N/C	605-3	NO		Vendor- ITT Greenwell
P. S.	Steam Pipe Suppressor	871-G004	T & A	M	M	M	S	S	33	N/C	605-3	NO		* Unique Frequency used for BECH Test
B. J/G. E.	Rectific. Pump and Motor	871-G001	A	M	--	--	--	D		N/C	578-10	Pump ONLY		Vendor- Byron Jackson/G. E.

* Pressure Integrity Only

POOR ORIGINAL

SEISMIC QUALIFICATION SUMMARY OF EQUIPMENTS
ENRICO FERNI ATOMIC POWER PLANT, UNIT 2 DETROIT EDISON

S-4-81

Package I.D. (1)	Vendor (2)	Equipment (3)	HPL No. (4)	Test/ Analysis (T/A) (5)	Axis Single/Multi (S/M) (6)	Test		Analysis		Shutdown H/C or H&C or Neither H-Not C-Cold (11)	Location Bldg./ Elev. (12)	Install Yes/ No (13)	Edison File No. (14)	Remarks (15)	
						From Single/ Multi (S/M) (7)	Axis Single/ BI (S/B) (8)	Static/ Dynamic (S/D) (9)	1st Nat Freq. (10)						
See Remarks	Recirc. Section Valve	B31-P023		T	M	M	B	S	48	H/C*	RB 574-6	YES		Vendors: Valve-Lunbinder Actuator-Limitorque	N
See Remarks	Recirc. Discharge Valve	B31-P031		T	M	M	B	S	47	H/C*	RB 578-10	YES		Vendors: Valve-Lunbinder Actuator-Limitorque	N
Permitt	Flow Element	B31-W013								N	RB 597-5	YES		Later	N
T. P. B.	Recirc. Piping Nozzle	B31-G001		A	M	--	--	S & D	> 8	H/C*	RB 615-6	YES		Vendor: Texas Pipe Bending	N
ITT	Recirc. Loop Pipe Suspension	B31-G002		--	S	--	--	--	--	H/C*	RB 615-6	NO		ITT-Grennell	U
AME & East Bay	Recirc. Loop Pipe Restraint	B31-G003		T & A	S	S	S	S & D	Impact	H/C*	RB 615-6	NO		Vendor: Associated Machine Co. and East Bay	U
P. S.	Recirc. Loop Pipe Suspension	B31-G004		T & A	M	M*	B	S	33	H & C*	RB 615-6	NO		Vendor: Pacific Scientific * Unique From Used for each East	N
G. E.	Hydraulic Control Unit	C11-P001		T	S	M	S	--	--	C	FB 583-6	YES		Vendor: Automatic Switch	Y
ASCO	Air Solenoid Valve	C11-P009								C	FB 583-6	NO		Later	N
ITT/MD	Globe Vent Valve	C11-P010		A	S	--	--	S	125	C	RB 601-14	NO		Vendor: ITT/Mamod	N
ITT/MD	Globe Drain Valve	C11-P011		A	S	--	--	S	57	C	RB 573-4	NO		Vendor: ITT/Mamod	N
Crosby	Relief Valve	C11-P012		T	S	S	S	--	--	C	RB 585-11	NO			N
Alph Tank	SLC Storage Tank	C41-A001		A		--	--	S	58.8	N	RB 659-6	YES			N
Greer	SLC Accumulator	C41-A003								N	FB 662-0	YES		Later	N
Union	SLC Pump	C41-C001		A	--	--	--	S	60	N	RB 629-6	YES		F _n Based on Static Analysis	N
Conax	SLC Explosive Valve	C41-P004*		T	M	M	B	--	> 33	N	RB 629-6	YES		No F _n Below 33 Hz Per Test	N
F. M. T.	RHR Heat Exchanger	E11-B001		A	M	--	--	S	--	H/C	RB 503-6	YES		Vendor: Fromson Heat Transfer Ltd.	Y
B.J/G.I.	RHR Pump and Motor	E11-C002		A	M	--	--	S	--	H/C	FB 510-0	PUMP OK		Vendors: Pump-Byron Jackson Motor-GE	Y
Daniel	Flow Orifice	E11-W006		A						H/C	RB 575-0	YES		Analyzed by AE as part of piping	N
Nickery Sims	Flow Orifice	E11-W012		A						H/C	RB 578-0	YES			N
Nickery Sims	Flow Orifice	E11-W014		A						H/C	RB 575-0	YES			N

* Pressure Integrity Only

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Vendor	Equipment	RPL No.	Test/Analysis (1/A)	Size (M/S)	Tells			Analysis		Shutdown H/C or HSC or Neither H-Mot C-Cold	Location Blkg./ Elev.	B/B 2/10 5/1	Edison File No.	Remarks
					Single/ Pull (S/M)	Single/ Single/ Bl (S/B)	Static/ Dynamic (S/D)	1st Mot Freq.						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
G.E.	Fuel Bundle BTM	J11-0002	A	M	--	--	--	B	4.33 °	M/C	R/B 617-6	1/0		* F. Fuel sitting in RPY
G.E.	Channel BTM	J11-0003	A	M	--	--	--	B	4.33 °	M/C	R/B 617-6	1/0		"
G.E.	Channel Fastener	J11-0004	A	M	--	--	--	B	4.33 °	M/C	R/B 617-6	1/0		"
G.E.	Fuel Bundle BTM	J11-0005	A	M	--	--	--	B	4.33 °	M/C	R/B 617-6	1/0		"
G.E.	Steam Separator BTM	011-0005	A	M	--	--	--	S	15.5	N	R/B 653-5	1/0		Non-Essential

POOR ORIGINAL

SEISMIC QUALIFICATION SUMMARY OF EQUIPMENT

ENRICO FERMI ATOMIC POWER PLANT, UNIT 2

DETROIT EDISON

TABLE 1B-NSSS

ESSENTIAL ELECTRICAL EQUIPMENT

MAY 5, 1981
REV. A: JUNE 24, 1981

LEGEND:

RB/SB: REACTOR BLDG SUB. BASEMENT
RB/B: d. BASEMENT
RB/I: d. 1ST. FLOOR (ETC)
AB/ : AUXILIARY BLDG
TH/ : TURBINE HSE.

SEISMIC QUALIF. SUMMARY OF CLASS
1E EQUIP. - E. FERMI UNIT 2

IDENT NUMBER	MPL NO.	VENDOR	EQUIPMENT	TEST/ANALYSIS		TEST		ANALYSIS		SHUTDOWN HOT/COLD/N	LOCATION BLDG/ ELEV.	INSTALLED YES/NO	EDISON FILE NO.	REMARKS	RECLASS
				AXIS (T/A)	SING/MULT (S/M)	SING/MULT (S/M)	SING/BIL (S/B)	STATIC (S/D)	1st NAT FREQ.						
112C221A0001	C51 K002 AE C51 K002 BF C51 K002 CG C51 K002 DH	GE	VOLTAGE PREAMP VOLTAGE PREAMP VOLTAGE PREAMP VOLTAGE PREAMP	T	M	S	S				REACTOR BLDG 1ST FL	YES			N
112C221A0004	D11 K609 IAB	GE	POWER SUPPLY	T	M	S	S				RB/2				N
112C314A0008	C51 M002 AH	GE	INTER RGE DET	T&A	S	S	S	S			RB/2				N
117C3387F001	B31 M014 A B31 M014 B B31 M014 C B31 M014 D B31 M024 A B31 M024 B B31 M024 C B31 M024 D	Barton	FLOW XMTR FLOW XMTR FLOW XMTR FLOW XMTR FLOW XMTR FLOW XMTR FLOW XMTR FLOW XMTR	T	M	M	B				REACTOR BLDG BASEMENT	YES			N
117C3387F002	C32 M003 AD	Barton	FLOW XMTR	T	M	M	B				RB/1				N
127C28020011	D11 K609 AB	GE	IMD/TRIP UNIT	T	M	M	S				RB/2				N
136B13020002	C51 J004 AE	GE	VALVE ASSEMBLY	T	S	S	S				RB/1				N
136B127A0003	B21 M003 B21 M003 AB B21 M003 AS	GE	CONDENSING CHAMBER CONDENSING CHAMBER CONDENSING CHAMBER	A						S > 100 H/C				Passive	N

SEISMIC QUALIF. SUMMARY OF CLASS
IE EQUIP. - E. FERMI UNIT 2

SEISMIC QUALIF. SUMMARY OF CLASS 1E EQUIP. - E. FERMI UNIT 2															
IDENT NUMBER	MPL NO.	VENDOR	EQUIPMENT	TEST				ANALYSIS		SHUTDOWN HOT/COLD/N	LOCATION BLDG/ ELEV.	INSTALLED YES/NO	EDISON FILE NO.	REMARKS	
				T	M	S	S	TEST FREQ	AXIS	STATIC/ DYNAMIC (S/D)	1st NAT. FREQ.				
13081136P001	GE	RELAY	B21C-K01B												
			B21C-K09AB												
			B21C-K09AB												
			B21C-K10AB												
			B21C-K21												
			B21C-K22												
			B21C-K23												
			B21C-K24												
			B21C-K25												
			B21C-K27AL												
			B21C-K29AB												
			B21C-K29AB												
			E11A-K001A												
			E11A-K001B												
			E11A-K014A												
			E11A-K014B												
			E11A-K015A												
			E11A-K015B												
			E11A-K016A												
			E11A-K016B												
			E11A-K019A												
			E11A-K019B												
			E11A-K022A												
			E11A-K022B												
			E11A-K023A												
			E11A-K023B												
			E11A-K024A												
			E11A-K024B												
			E11A-K025A												
			E11A-K025B												
			E11A-K026A												
			E11A-K026B												
			E11A-K031A												
			E11A-K031B												
			E11A-K032A												
			E11A-K032B												
			E11A-K033A												
			E11A-K033B												
			E11A-K035A												
			E11A-K035B												
			E11A-K035C												
			E11A-K035D												
			E11A-K062A												
			E11A-K062B												
			E11A-K075A,C												
AUX. BLDG. - 2ND. FLOOR															
YES															

SEISMIC QUALIF. SUMMARY OF CLASS
1E EQUIP. - E. FERMI UNIT 2

IDENT NUMBER	MPL NO.	VENDOR	EQUIPMENT	TEST/ ANALYSIS (T/A)	AXIS SING/MULT (S/M)	TEST		ANALYSIS		SHUTDOWN HOT/COLD/N	LOCATION BLDG/ ELEV.	INSTALLED YES/NO	EDISON FILE NO.	REMARKS	REASSESS
						FREQ	AXIS	STATIC DYNAMIC (S/D)	1st NAT FREQ.						
136H3130P001		GE		T	M	S	S			H/C					
	E11A-K0700, D		RELAY												
	E11A-K087A		RELAY												
	E11A-K087B		RELAY												
	E11A-K008A		RELAY												
	E11A-K008B		RELAY												
	E11A-K095A		RELAY												
	E11A-K095B		RELAY												
	E11A-K101A		RELAY												
	E11A-K101B		RELAY												
	E11A-K102A		RELAY												
	E11A-K102B		RELAY												
	E21A-K01A		RELAY												
	E21A-K01B		RELAY												
	E21A-K02A		RELAY												
	E21A-K02B		RELAY												
	E21A-K03A		RELAY												
	E21A-K03B		RELAY												
	E21A-K09A		RELAY												
	E21A-K09B		RELAY												
	E21A-K14A		RELAY												
	E21A-K14B		RELAY												
	E21A-K19A		RELAY												
	E21A-K19B		RELAY												
	E21A-K20A		RELAY												
	E21A-K20B		RELAY												
	E21A-K23A		RELAY												
	E21A-K23B		RELAY												
	E21A-K25A		RELAY												
	E21A-K25B		RELAY												
	E21A-K28A		RELAY												
	E21A-K20B		RELAY												
	E41A-K07		RELAY												
	E41A-K08, 9		RELAY												
	E41A-K10		RELAY												
	E41A-K30		RELAY												
	E41A-K41, 42		RELAY												
	E41A-K43		RELAY												
	E41A-K45		RELAY												
	E41A-K40		RELAY												
	E41A-K55		RELAY												
	E41A-K56		RELAY												
	E41A-K63		RELAY												
	E41A-K64		RELAY												
	E41A-K65		RELAY												
	E41A-K66		RELAY												
	E41A-K67		RELAY												
	E41A-K68, 69		RELAY												

AUX. BLDG 2ND FLOOR

YES

[illegible]

1E EQUIP. - E. FERMI UNIT 2

SEISMIC QUALIF. SUMMARY OF CLASS IE EQUIP. - E. FERMI UNIT 2														
IDENT NUMBER	MPL NO.	VENDOR	EQUIPMENT	TEST/ ANALYSIS (T/A)	AXIS SING/MULT (S/M)	TEST FREQ	AXIS	ANALYSIS (S/D)	1st NAT. FREQ.	SHUTDOWN HOT/COLD/N	LOCATION BLDG/ ELEV.	INSTALLED YES/NO	EDISON FILE NO.	REMARKS
13003137P001				T	M	M	B			H/C				
GE														
B21C-K03A6			RELAY											
B21C-K01AB			RELAY											
B21C-K06AB			RELAY											
B21C-K07AB			RELAY											
B21C-K11AL			RELAY											
B21C-K12			RELAY											
B21C-K2G			RELAY											
C71A-K21AC			RELAY											
C71A-K21BD			RELAY											
E11A-K005A			RELAY											
E11A-K005B			RELAY											
E11A-K006A			RELAY											
E11A-K006B			RELAY											
E11A-K007A			RELAY											
E11A-K007B			RELAY											
E11A-K008A			RELAY											
E11A-K008B			RELAY											
E11A-K009A			RELAY											
E11A-K009B			RELAY											
E11A-K010A			RELAY											
E11A-K010B			RELAY											
E11A-K011A			RELAY											
E11A-K011B			RELAY											
E11A-K016A			RELAY											
E11A-K016B			RELAY											
E11A-K021A			RELAY											
E11A-K021B			RELAY											
E11A-K027A			RELAY											
E11A-K027B			RELAY											
E11A-K029A			RELAY											
E11A-K029B			RELAY											
E11A-K037A			RELAY											
E11A-K037B			RELAY											
E11A-K038A			RELAY											
E11A-K038B			RELAY											
E11A-K039A			RELAY											
E11A-K039B			RELAY											
E11A-K042A			RELAY											
E11A-K042B			RELAY											
E11A-K043A			RELAY											
E11A-K043B			RELAY											
E11A-K044A			RELAY											
E11A-K044B			RELAY											
E11A-K046A			RELAY											
E11A-K046B			RELAY											
E11A-K017A			RELAY											
E11A-K017B			RELAY											
											Aux BLDG 2ND FLOOR			
											YES			

TEST/ANALYSIS (T/A)	AXIS SING/MULT (S/M)	TEST		ANALYSTS	SHUTDOWN HOT/COLD/N	LOCATION BLDG/ELEV.	INSTALLED YES/NO	EDISON FILE NO.	REMARKS	Remarks
		FREQ	AXIS							
T	M	SING/MULT (S/M)	B	STATIC DYNAMIC (S/D)	H/C	Aux Bldg 2ND FLOOR	YES			
M	M	SING/MULT (S/M)	B	1st NAT FREQ.						

1

IDENT NUMBER	MPL NO.	VENDOR	EQUIPMENT
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GE

E21A-K106	RELAY
E21A-K11A	RELAY
E21A-K11B	RELAY
E21A-K12AC	RELAY
E21A-K12BD	RELAY
E21A-K13A	RELAY
E21A-K13B	RELAY
E21A-K15A	RELAY
E21A-K15B	RELAY
E21A-K16A	RELAY
E21A-K16B	RELAY
E21A-K24A	RELAY
E21A-K24B	RELAY
E21A-K24C	RELAY
E21A-K24D	RELAY
E21A-K24E	RELAY
E21A-K24F	RELAY
E21A-K24G	RELAY
E21A-K24H	RELAY
E21A-K24I	RELAY
E21A-K24J	RELAY
E21A-K24K	RELAY
E21A-K24L	RELAY
E21A-K24M	RELAY
E21A-K24N	RELAY
E21A-K24O	RELAY
E21A-K24P	RELAY
E21A-K24Q	RELAY
E21A-K24R	RELAY
E21A-K24S	RELAY
E21A-K24T	RELAY
E21A-K24U	RELAY
E21A-K24V	RELAY
E21A-K24W	RELAY
E21A-K24X	RELAY
E21A-K24Y	RELAY
E21A-K24Z	RELAY
E21A-K25	RELAY
E21A-K26	RELAY
E21A-K27	RELAY
E21A-K28	RELAY
E21A-K29	RELAY
E21A-K30	RELAY
E21A-K31	RELAY
E21A-K32	RELAY
E21A-K33	RELAY
E21A-K34	RELAY
E21A-K35	RELAY
E21A-K36	RELAY
E21A-K37	RELAY
E21A-K38	RELAY
E21A-K39	RELAY
E21A-K40	RELAY
E21A-K41	RELAY
E21A-K42	RELAY
E21A-K43	RELAY
E21A-K44	RELAY
E21A-K45	RELAY
E21A-K46	RELAY
E21A-K47	RELAY
E21A-K48	RELAY
E21A-K49	RELAY
E21A-K50	RELAY
E21A-K51	RELAY
E21A-K52	RELAY
E21A-K53	RELAY
E21A-K54	RELAY
E21A-K55	RELAY
E21A-K56	RELAY
E21A-K57	RELAY
E21A-K58	RELAY
E21A-K59	RELAY
E21A-K60	RELAY
E21A-K61	RELAY
E21A-K62	RELAY
E21A-K63	RELAY
E21A-K64	RELAY
E21A-K65	RELAY
E21A-K66	RELAY
E21A-K67	RELAY
E21A-K68	RELAY
E21A-K69	RELAY
E21A-K70	RELAY
E21A-K71	RELAY
E21A-K72	RELAY
E21A-K73	RELAY
E21A-K74	RELAY
E21A-K75	RELAY
E21A-K76	RELAY
E21A-K77	RELAY
E21A-K78	RELAY
E21A-K79	RELAY
E21A-K80	RELAY
E21A-K81	RELAY
E21A-K82	RELAY
E21A-K83	RELAY
E21A-K84	RELAY
E21A-K85	RELAY
E21A-K86	RELAY
E21A-K87	RELAY
E21A-K88	RELAY
E21A-K89	RELAY
E21A-K90	RELAY
E21A-K91	RELAY
E21A-K92	RELAY
E21A-K93	RELAY
E21A-K94	RELAY
E21A-K95	RELAY
E21A-K96	RELAY
E21A-K97	RELAY
E21A-K98	RELAY
E21A-K99	RELAY
E21A-K100	RELAY

[illegible]

SEISMIC QUALIF. SUMMARY OF CLASS 1E EQUIP. - E. FERMI UNIT 2

SEISMIC QUALIF. SUMMARY OF CLASS 1E EQUIP. - E. FERMI UNIT 2														
IDENT NUMBER	MPL NO.	VENDOR	EQUIPMENT	TEST		ANALYSIS		SHUTDOWN HOT/COLD/H	LOCATION BLDG/ ELEV.	INSTALLED YES/NO	EDISON FILE NO.	REMARKS	REASSESSED	
				TEST/ ANALYSIS (T/A)	AXIS SING/MULT (S/M)	FREQ SING/ MULT. (S/M)	AXIS SING/ BIL (S/B)	STATIC/ DYNAMIC (S/D)	1st NAT. FREQ.					
136W137F002	A71B-K51	GE	RELAY	T	M	M	B						N	
	A71B-K52		RELAY											
136G0137F003		GE											N	
	A71B-K01A,C		RELAY	T	M	M	B							
	A71B-K01B,D		RELAY											
	A71B-K02A,C		RELAY											
	A71B-K02B,D		RELAY											
	A71B-K03A,C		RELAY											
	A71B-K03B,D		RELAY											
	A71B-K04A,C		RELAY											
	A71B-K01B,D		RELAY											
	A71B-K02A,C		RELAY											
	A71B-K01B,D		RELAY											
	A71B-K06A,C		RELAY											
	A71B-K01B,D		RELAY											
	A71B-K07A,C		RELAY											
	A71B-K07B,D		RELAY											
	A71B-K09A,C		RELAY											
	A71B-K09B,D		RELAY											
	A71B-K10A,C		RELAY											
	A71B-K10B,D		RELAY											
	A71B-K41AC		RELAY											
	A71B-K43BD		RELAY											
	C71A-K01AC		RELAY											
	C71A-K01BD		RELAY											
	C71A-K03ACE0		RELAY											
	C71A-K03D0FH		RELAY											
	C71A-K04AC		RELAY											
C71A-K04BD	RELAY													
C71A-K05AC	RELAY													
C71A-K05BD	RELAY													
C71A-K06AC	RELAY													
C71A-K06BD	RELAY													
C71A-K07AC	RELAY													
C71A-K07BD	RELAY													
C71A-K08AC	RELAY													
C71A-K08BD	RELAY													
C71A-K09AC	RELAY													
C71A-K09BD	RELAY													
C71A-K10ACE0	RELAY													
C71A-K10D0FH	RELAY													
C71A-K11AC	RELAY													
C71A-K11BD	RELAY													
C71A-K12ACE0	RELAY													

[illegible]

T	M	M	B	W/C	AUX BLDG 2ND FLOOR	YES	N
T	M	M	B				N
T	M	M	B				N
T	M	S	S		RB/SE	YES	N
T	M	S	S		YARD YARD	NO	N
T	M	S	S		RB/1 RB/2 RB/2 RB/2	NO	N
T	M	S	S		RB/B PB/2 PB/B	NO NO YES	N

SEISMIC QUALIF. SUMMARY OF CLASS
1E EQUIP. - E. FERM UNIT 2

IDENT NUMBER	MPL NO.	VENDOR	EQUIPMENT	TEST/ ANALYSIS (T/A)	AXIS SING/MULT (S/M)	TEST		ANALYSIS		SHUTDOWN HOT/COLD/N	LOCATION BLDG/ ELEV.	INSTALLED YES/NO	EDISON FILE NO.	REMARKS	REASSESSED (Y/N)
						FREQ SING/ MULT. (S/M)	AXIS SING/ BIL (S/B)	STATIC DYNAMIC (S/D)	1st NAT FREQ.						
145C3007P004	E11 N007 A E11 N007 B E11 N015 A E11 N015 B E21 N003 A E21 N003 B E41 N008 E51 N003	Bailey	DIFF PRESS XMTR DIFF PRESS XMTR DIFF PRESS XMTR DIFF PRESS XMTR FLOW XMTR FLOW XMTR DIP XMTR DIFF PRESS XMTR	T	M	S	S			H/C	REACTOR BLDG BASEMENT RB/SB RB/SB	YES			Z
145C3008P003	E41 N006	Barton	DIFF PRESS	T	M	M	B				RB/SB	YES			Z
145C3008P013	E51 N002	Barton	DIFF PRESS SW	T	M	M	B				RB/SB	YES			Z
145C3008P014	E11 N021 AD	Barton	FLOW SWITCH	T	M	M	B			H/C	RB/B				Z
145C3008P015	E21 N000 A E21 N000 B	Barton	FLOW SWITCH FLOW SWITCH	T	M	M	B				RB/B RB/B				Z
145C3008P016	<u>C41 N009</u> DOES NOT EXIST	Barton	DIFF PRESS SW	T	M	M	B					NO			Z
145C3008P017 K3C 1561	B21 N000-AB N086AB B21 N000-CD N086CD B21 N007-AB N087AB B21 N007-CD N087CD B21 N008-AB N088AB B21 N008-CD N088CD B21 N009-AB N089AB B21 N009-CD N089CD	Barton ROSEMOUNT	PRESS IND SWITCH PRESS IND SWITCH PRESS IND SWITCH PRESS IND SWITCH PRESS IND SWITCH PRESS IND SWITCH PRESS IND SWITCH PRESS IND SWITCH	T	M	M	B				REACTOR BLDG 1ST FLOOR	YES			Z

SEISMIC QUALIF. SUMMARY OF CLASS
1E EQUIP. - E. FERMI UNIT 2

SEISMIC QUALIF. SUMMARY OF CLASS 1E EQUIP. - E. FERMI UNIT 2				TEST/ ANALYSIS (T/A)	AXIS SING/MULT (S/M)	TEST		ANALYSIS		SHUTDOWN HOT/COLD/N	LOCATION BLDG/ ELEV.	INSTALLED YES/NO	EDISON FILE NO.	REMARKS	REVISSED (Y/N)
IDENT NUMBER	MPL NO.	VENDOR	EQUIPMENT			FREQ SING/ MULT. (S/M)	AXIS SING/ BIL (S/B)	STATIC/ DYNAMIC (S/D)	1ST NAT. FREQ.						
145C3009P002 163C1561		Barton	B31 N018-AC N110AB DIFF PRESS SW B31 N018-BD N110CD DIFF PRESS SW B31 N019-A N112A DIFF PRESS SW B31 N019-B N112B DIFF PRESS SW B31 N020-A N113A DIFF PRESS SW B31 N020-B N113B DIFF PRESS SW B31 N021-A N114A DIFF PRESS SW B31 N021-B N114B DIFF PRESS SW B31 N022-A N115A DIFF PRESS SW B31 N022-B N115B DIFF PRESS SW	T	M	M	B				RB/1 RB/1 REACTOR BLDG BASEMENT				Z
145C3009P003 163C1561		Barton ROSEMOUNT	B31 N057A N057A DIFF PRESS SW B31 N057B N057B DIFF PRESS SW	T	M	M	B				RB/1 RB/B				Z
145C3009P006 163C1564		Barton ROSEMOUNT	B21 N090-B N090B DIFF PRESS SW B21 N090-A N090A DIFF PRESS SW	T	M	M	B				RB/2 RB/1				Z
145C3009P007		Barton	E21 N004 A DIFF PRESS SWITCH E21 N004 B DIFF PRESS SWITCH	T	M	M	B				RB/B RB/B	YES			Z
145C3009P010 163C1564		Barton ROSEMOUNT	E41 N004 N 057A DIFF PRESS SWITCH E41 N007 N 057B DIFF PRESS SWITCH	T	M	M	B				RB/B RB/B				Z
145C3009P011 163C1564		Barton ROSEMOUNT	B21 N018-AD N076AD PRESS SWITCH B21 N020 AB PRESS SWITCH B21 N020 CD PRESS SWITCH B21 N021-A N090A PRESS SWITCH B21 N021-C N090B PRESS SWITCH B21 N023-AB N078AB PRESS SWITCH B21 N023-CD N078CD PRESS SWITCH B21 N039-AC N110AC PRESS SWITCH B21 N039-BD N110BD PRESS SWITCH	T	M	M	B				RB/2 REACTOR BLDG 2ND FL				Z

SEISMIC QUALIF. SUMMARY OF CLASS
1E EQUIP. - E. FERMI UNIT 2

IDENT NUMBER	MPL NO.	VENDOR	EQUIPMENT	TEST/ ANALYSIS (T/A)	AXIS SING/MULT (S/M)	TEST		ANALYSIS		SHUTDOWN HOT/COLD/N	LOCATION BLDG/ ELEV.	INSTALLED YES/NO	EDISON FILE NO.	REMARKS	REASSESSED (Y/N)
						FREQ	AXIS	STATIC DYNAMIC (S/D)	1st NAT FREQ.						
140000000001 163C 1564		ROSEMOUNT Barksdale	B91-N010-A N 111A PRESS SWITCH E21-N003-AD N052 AD PRESS SWITCH E41-N004-AC N058 AC DIFF PRESS SWITCH E41 N001 BD DIFF PRESS SWITCH E41 N027 PRESS SWITCH E01-N010-AC N 058 AC DIFF PRESS SWITCH E51-N010-BD N058 BD DIFF PRESS SWITCH E51 N020 PRESS SWITCH	T	M	M	B				RB/B TB/2 RB/B RB/B RB/SB RB/1 RB/B RB/SB	↑			Z
163C 1564 143C0011P001		ROSEMOUNT Static-O-Ring	E11-N010-AC N055 AC PRESS SWITCH E11-N010-BD N055 BD PRESS SWITCH E11-N020-AC N056 AC PRESS SWITCH E11-N020-BD N056 BD PRESS SWITCH E01-N000-A N055 A PRESS SWITCH E21-N000-B N055 B PRESS SWITCH E01-N000-A N 062 A PRESS SWITCH E21-N000-B N 062 B PRESS SWITCH E41 N017 AB PRESS SWITCH	T	M	M	B				REACTOR BLDG BASEMENT RB/SB	YES			Z
140000000006		ROSEMOUNT Static-O-Ring	E41 N012-AC N055 AC PRESS SWITCH E41 N012-BD N055 BD PRESS SWITCH	T	M	M	B				RE/B RB/SB				Z
145C0011P003		Static-O-Ring	E41 N010 PRESS SWITCH E51 N030 PRESS SWITCH	T	M	M	B				RB/SB RE/SB				Z
140000000007 163C 1564		ROSEMOUNT Static-O-Ring	C71 N002-A N 050 A PRESS SWITCH C71 N002-B N 050 B PRESS SWITCH C71 N002-CD N 050 CD PRESS SWITCH	T	M	S	S				RB/2 RB/2 RB/2				Z
140000000002 163C 1564		ROSEMOUNT Static-O-Ring	E11-N010-AC B2IN094 AC PRESS SWITCH E11-N010-BD B2IN094 BD PRESS SWITCH E11-N011-AC B2IN094 EG PRESS SWITCH E11-N011-BD B2IN094 FH PRESS SWITCH	T	M	S	S				REACTOR BLDG 2ND FL	↓			Z

SEISMIC QUALIF. SUMMARY OF CLASS
1E EQUIP. - E. FERMI UNIT 2

SEISMIC QUALIF. SUMMARY OF CLASS 1E EQUIP. - E. FERMI UNIT 2																	
IDFNT NUMBER	WPL NO.	VENDOR	EQUIPMENT	TEST/ ANALYSIS (T/A)	AXIS SING/MULT (S/M)	SING/ MULT. (S/M)	SING/ BIL (S/B)	TEST AXIS	ANALYSIS STATIC (S/D)	1st NAT. FREQ.	SHUTDOWN HOT/COLD/N	LOCATION BLDG/ ELEV.	INSTALLED YES/NO	EDISON FILE NO.	REMARKS	RECLASSIFIED (Y/N)	
145C3015P001	E51 K601 Q33 K602 Q33 K603 Q33 K605	GE	50 ROOT CONV 50 ROOT CONV 50 ROOT CONV 50 ROOT CONV	T	M	S	S					RB/Z AB/Z	YES			Z	
145C3016P005	B21 K613 A Q21 K613 B E21 K600 A E21 K600 B E41 K601 E51 K600 Q33 K600	GE	POWER SUPPLY POWER SUPPLY POWER SUPPLY POWER SUPPLY 50 ROOT CONV POWER SUPPLY POWER SUPPLY	T	M	S	S				H/C	REACTOR BLDG 2ND FL AB/Z	YES			Z	
145C3027P004	B21B-K601AB E41 K603	Topaz	INVERTER DC/AC INVERTER	T	M	S	S					RB/Z RB/Z	YES			Z	
145C3027P007	E51 K603	Topaz	INVERTER	T	M	S	S				H/C	RB/Z	YES			Z	
145C3035P005	B21C-K05AB E11A-K02BA E11A-K02B5 E11A-K034A E11A-K034B E11A-K040A E11A-K040B E11A-K084A E11A-K084B E11A-K093A E11A-K093B E21A-K16AC E21A-K16DB E11A-K14 E51A-P03 SFAIRE SFAIRE	GE	RELAY RELAY RELAY RELAY RELAY RELAY RELAY RELAY RELAY RELAY RELAY RELAY RELAY RELAY RELAY RELAY RELAY RELAY	T	M	M	M	B				H/C	Aux. Bldg 2ND FL.	YES			Z

SEISMIC QUALIF. SUMMARY OF CLASS
1E EQUIP. - E. FERMI UNIT 2

SEISMIC QUALIF. SUMMARY OF CLASS 1E EQUIP. - E. FERMI UNIT 2				TEST/ ANALYSIS (T/A)	AXIS SING/MULT (S/M)	TEST		ANALYSIS		SHUTDOWN HOT/COLD/N	LOCATION BLDG/ ELEV.	INSTALLED YES/NO	EDISON FILE NO.	REMARKS	REASSESSED (Y/N)
IDENT NUMBER	MPL NO.	VENDOR	EQUIPMENT			FREQ SING/ MULT. (S/M)	AXIS SING/ B/L (S/B)	STATIC DYNAMIC (S/D)	1st NAT. FREQ.						
145C3035P005	SPARE SPARE	GE	RELAY RELAY	T	M	M	B								N
145C3036P008	A71B-K19 A71B-K20 A71B-K21 A71B-K22 A71B-K23 A71B-K24 A71B-K25 A71B-K28 A71B-K33 A71B-K34 A71B-K40 A71B-K41 A71B-K42 A71B-K43 A71B-K45 A71B-K46 A71B-K47 A71B-K48 A71B-K50 A71B-K64 A71B-K65	GE	RELAY RELAY	T	M	S	S								N
145C3036P010	A71B-K11 A71B-K12 A71B-K17 A71B-K18 A71B-K26 A71B-K27 A71B-K29 A71B-K30 A71B-K56 A71B-K57 A71B-K59 A71B-K60	GE	RELAY RELAY RELAY RELAY RELAY RELAY RELAY RELAY RELAY RELAY RELAY RELAY	T	M	S	S			H/C	AUX. BLDG 2ND. FLOOR	YES			N

SEISMIC QUALIF. SUMMARY OF CLASS
IE EQUIP. - E. FERMI UNIT 2

IDENT NUMBER	MPL NO.	VENDOR	EQUIPMENT	TEST/ ANALYSIS (T/A)	SING/ MULT (S/M)	SING/ MULT (S/M)	SING/ BIL (S/B)	TEST		ANALYSIS (S/D)	1st NAT FREQ.	SHUTDOWN HOT/COLD/N	LOCATION BLDG/ ELEV.	INSTALLED YES/NO	EDISON FILE NO.	REMARKS	REASSESSED (Y/N)
								FREQ	AXIS								
145C3040P003	E11A-K045-1A E11A-K045-1B	GE	DELAY UNIT DELAY UNIT	T	M	S	S					H/C	AUX. BLDG. 3RD. FLOOR 2ND FL.				Z
			SWITCH SWITCH SWITCH SWITCH SWITCH SWITCH SWITCH SWITCH SWITCH SWITCH SWITCH	T	M	M	B					H/C					Z
145C3040P001	E11A-3001A E11A-3001B E11A-3002A E11A-3002B E11A-3006A E11A-3006B E21A-300A E21A-300B E41A-300 E41A-301 E41A-305 E41A-306 E51A-316 E51A-31E E51A-525	GE		T	M	M	B					H/C					Z
			SWITCH SWITCH SWITCH SWITCH SWITCH SWITCH SWITCH SWITCH SWITCH SWITCH SWITCH	T	M	M	B					H/C		YES			Z
145C3040P002	R21B-303AB R21B-304AB R21C-302AB R21C-303	GE	SWITCH SWITCH SWITCH SWITCH	T	M	M	B					H/C					Z
			SWITCH SWITCH SWITCH SWITCH	T	M	M	B					H/C					Z
145C3040P003	A71B-3017 A71B-3018 A71B-3069 A71B-3070 E11A-3041A E11A-3041B	GE	SWITCH SWITCH SWITCH SWITCH SWITCH	T	M	M	B					H/C					Z
			SWITCH SWITCH SWITCH SWITCH	T	M	M	B					H/C					Z
145C3040P005	E11A-3017A E11A-3017B	GE	SWITCH SWITCH	T	M	M	B					H/C					Z
			SWITCH SWITCH	T	M	M	B					H/C					Z

SEISMIC QUALIF. SUMMARY OF CLASS
1E EQUIP. - E. FERMI UNIT 2

SEISMIC QUALIF. SUMMARY OF CLASS IE EQUIP. - E. FERMI UNIT 2																		
IDENT NUMBER	MPL NO.	VENDOR	EQUIPMENT	TEST/ ANALYSIS (T/A)	SING/ MULT (S/M)	SING/ MULT. (S/M)	FREQ AXIS	TEST AXIS	ANALYSIS STATIC (S/D)	1st NAT. FREQ.	SHUTDOWN HOT/COLD/N	LOCATION BLDG/ ELEV.	INSTALLED YES/NO	EDISON FILE NO.	REMARKS	REASSESSED (Y/N)		
145C315CP001		Barton	DIFF PRESS XMTR	T	M	M		B				RB/2	YES			N		
145C3205P003		GE	STATION	T	M	M		S				RB/3	YES			N		
145C3205P004		GE	STATION	T	M	M		S				RB/3	YES			N		
145C3207P001		GE	CONTROL AMP	T	M	M		S				RB/2	YES			N		
145C3208P001		GE	SWITCH	T	M	M		B			H/C	AB/2	NO.			N		
145C3209P001		GE	CONTACTOR CONTACTOR CONTACTOR CONTACTOR	T	M	M		B			H/C	AUX BLDG 2ND FL	YES			N		
145C3217P010		Agastat	RELAY RELAY RELAY RELAY	T	M	M		B				AB/2	YES			N		
145C3221P001		Scam/Riley	TEMP MONITOR	T	M	M		B				AB/2	YES			N		
145C3221P001		Pyco	TEMP ELEMENT	T&A	M	M		S		116		RB/2	YES			N		

SEISMIC QUALIF. SUMMARY OF CLASS
1E EQUIP. - E. FERMI UNIT 2

IDENT NUMBER	MPL NO.	VENDOR	EQUIPMENT	TEST/ ANALYSIS (T/A)	AXIS SING/MULT (S/M)	TEST		ANALYSIS		SHUTDOWN HOT/COLD/N	LOCATION BLOG/ ELEV.	INSTALLED YES/NO	EDISON FILE NO.	REMARKS	REASSESSED (Y/N)
						TREQ SING/ MULT. (S/M)	AXIS SING/ BIL (S/B)	STATIC DYNAMIC (S/D)	1st NAT FREQ.						
145C3224P001		Pyco		T&A	M	S	S	S	116		RB/Z RB/SB RB/B RB/B RB/SB PB/SB RB/B RB/SB RB/SB RB/SB RB/SB RB/B RB/SB RB/B RB/B RB/B RB/B RB/Z RB/Z RB/Z	YES			N
145C3225P001	E51 K015	GE	CONTROLLER	T	M	S	S				RB/Z				N
145C3226P001	E11A-S003AC E11A-S003BD E21A-S05AC E21A-S05BD	Micro Switch	SWITCH SWITCH SWITCH SWITCH	T		S	S			H/C	AUX BLDG 2ND FL				N
145C3227P009	033 N011	Vickery Simms/Daniel	FLOW ELEMENT	A			S	>100			RB/B				N
145C3227P013	033 N035	Vickery Simms/Daniel	FLOW ELEMENT	A			S	>100			RB/Z	NO			N
145C3227P014	033 N040	Vickery Simms/Daniel	FLOW ELEMENT	A			S	>100			RB/B				N

SEISMIC QUALIF. SUMMARY OF CLASS
1E EQUIP. - E. FERMI UNIT 2

[illegible]

[illegible][illegible]

IDENT NUMBER	MPL NO.	VENDOR	EQUIPMENT
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**Master
Specialties**

Specialties	
E11A-S101ND	IND SWITCH
E11A-S102A	IND SWITCH
E11A-S102B	IND SWITCH
E11A-S103A	IND SWITCH
E11A-S103B	IND SWITCH
E11A-S104A	IND SWITCH
E11A-S104B	IND SWITCH
E11A-S105A	IND SWITCH
E11A-S105B	IND SWITCH
E11A-S107AC	IND SWITCH
E11A-S107BD	IND SWITCH
E11A-S108AC	IND SWITCH
E11A-S108BD	IND SWITCH
E11A-S109	IND SWITCH
E11A-S110	IND SWITCH
E11A-S111A	IND SWITCH
E11A-S111B	IND SWITCH
E11A-S112A	IND SWITCH
E11A-S112B	IND SWITCH
E11A-S113A	IND SWITCH
E11A-S113B	IND SWITCH
E11A-S116A	IND SWITCH
E11A-S116D	IND SWITCH
E11A-S136A	IND SWITCH
E11A-S136D	IND SWITCH
E11A-S137A	IND SWITCH
E11A-S137B	IND SWITCH
E11A-S139A	IND SWITCH
E11A-S139B	IND SWITCH
E11A-S140A	IND SWITCH
E11A-S140B	IND SWITCH
E11A-S152	IND SWITCH
E11A-S153	IND SWITCH
E11A-S154A	IND SWITCH
E11A-S154B	IND SWITCH
E11A-S160A	IND SWITCH
E11A-S160D	IND SWITCH
E11A-S161A	IND SWITCH
E11A-S161B	IND SWITCH
E11A-S162A	IND SWITCH
E11A-S162B	IND SWITCH
E11A-S163A	IND SWITCH
E11A-S163B	IND SWITCH
E11A-S164A	IND SWITCH
E11A-S164B	IND SWITCH
E11A-S01A	IND SWITCH
E11A-S01B	IND SWITCH

[illegible]

SEISMIC QUALIF. SUMMARY OF CLASS
1E EQUIP. - E. FERMI UNIT 2

IDENT NUMBER	MPL NO.	VENDOR	EQUIPMENT	TEST/ ANALYSIS (T/A)	AXIS SING/MULT (S/M)	TEST		ANALYSIS		SHUTDOWN HOT/COLD/N	LOCATION BLDG/ FLEV.	INSTALLED YES/NO	EDISON FILE NO.	REMARKS	REASSESSED (Y/N)
						FREQ SING/ MULT. (S/M)	AXIS SING/ B/L (S/B)	STATIC DYNAMIC (S/D)	1st NAT. FREQ.						
15C3237P001		Master Specialties	IND SWITCH	T	M	S	S			H/C	AUX BLDG 3RD FLOOR	YES			N
	E21A-S02A		IND SWITCH												
	E21A-S02B		IND SWITCH												
	E21A-S03A		IND SWITCH												
	E21A-S03B		IND SWITCH												
	E21A-S04A		IND SWITCH												
	E21A-S04B		IND SWITCH												
	E21A-S07A		IND SWITCH												
	E21A-S07B		IND SWITCH												
	E21A-S10A		IND SWITCH												
	E21A-S10B		IND SWITCH												
	E21A-S20A		IND SWITCH												
	E21A-S20B		IND SWITCH												
	E21A-S30A		IND SWITCH												
	E21A-S30B		IND SWITCH												
	E21A-S40A		IND SWITCH												
	E21A-S40B		IND SWITCH												
	E21A-S70A		IND SWITCH												
	E21A-S70B		IND SWITCH												
	E41A-S01		IND SWITCH												
	E41A-S02		IND SWITCH												
	E41A-S03		IND SWITCH												
	E41A-S04		IND SWITCH												
	E41A-S05		IND SWITCH												
	E41A-S06		IND SWITCH												
	E41A-S07		IND SWITCH												
	E41A-S08		IND SWITCH												
	E41A-S09		IND SWITCH												
	E41A-S10		IND SWITCH												
	E41A-S11		IND SWITCH												
	E41A-S12		IND SWITCH												
	E41A-S13		IND SWITCH												
	E41A-S14		IND SWITCH												
	E41A-S15		IND SWITCH												
	E41A-S16		IND SWITCH												
	E41A-S17		IND SWITCH												
	E41A-S18		IND SWITCH												
	E41A-S19		IND SWITCH												
	E41A-S20		IND SWITCH												
	E41A-S21		IND SWITCH												
	E41A-S22		IND SWITCH												
	E41A-S23		IND SWITCH												
	E41A-S24		IND SWITCH												
	E41A-S29		IND SWITCH												
	E41A-S30		IND SWITCH												
	E41A-S41		IND SWITCH												
	E41A-S42		IND SWITCH												
	E41A-S13		IND SWITCH												

SEISMIC QUALIF. SUMMARY OF CLASS
IE EQUIP. - E. FERMI UNIT 2

SEISMIC QUALIF. SUMMARY OF CLASS 1E EQUIP. - E. FERMI UNIT 2																
IDENT NUMBER	MPL NO.	VENDOR	EQUIPMENT	TEST/ ANALYSIS (T/A)	AXIS SING/MULT (S/M)	SING/ MULT. (S/M)	SING/ BIL (S/B)	TEST	ANALYSIS STATIC (S/D) 1st NAT. FREQ.	SHUTDOWN HOT/COLD/H	LOCATION BLDG/ ELEV.	INSTALLED YES/NO	EDISON FILE NO.	REMARKS	Z	REASSED (Y/N)
145C3237P001		Master Specialties	IND SWITCH	E41A-544	T	M	S	S		H/C	AUX. BLDG 3RD FLOOR	YES			Z	
				E41A-545												
				E41A-546												
				E41A-547												
				E41A-548												
				E41A-549												
				E41A-550												
				E51A-501												
				E51A-502												
				E51A-503												
				E51A-504												
				E51A-505												
				E51A-506												
				E51A-507												
				E51A-508												
				E51A-509												
				E51A-510												
				E51A-511												
				E51A-512												
				E51A-513												
				E51A-519												
				E51A-522												
				E51A-526												
				E51A-527												
				E51A-528												
				E51A-530												
				E51A-531												
				E51A-532												
				E51A-533												
				E51A-534												
				E51A-535												
				E51A-536												
E51A-537																
E51A-538																
E51A-539																
E51A-540																
E51A-541																
E51A-542																
E51A-543																
E51A-544																
145C3238P002		Agastat	RELAY RELAY	T	M	M	B								Z	
				E51A-540A,C E51A-540B,D												

SEISMIC QUALIF. SUMMARY OF CLASS
1E EQUIP. - E. FERMI UNIT 2

IDENT NUMBER	MPL NO.	VENDOR	EQUIPMENT	TEST/ ANALYSIS (T/A)	AXIS SING/MULT (S/M)	TEST		ANALYSIS		SHUTDOWN HOT/COLD/N	LOCATION BLOG/ ELEV.	INSTALLED YES/NO	EDISON FILE NO.	REMARKS	REASSESSED (Y/N)
						FREQ	AXIS	STATIC DYNAMIC (S/D)	1st NAT FREQ.						
157C4629P001	C41 N003	Weed	TEMP SWITCH	A				S	7265		RB/4	NO			N
157C4743P022	E21 R601 B	Beckman Inst.	METER	NO	DATA						RB/3	NO		Manual	N
157C4840P001	033 N603 AB	GE	ALARM UNIT	T	M	M	S				RB/2	YES			N
157C4843P001	033 R604	GE	SUMMER-B INPUT	T	M	M	S				RB/2	YES			N
158B7009P004	E41 R004 E51 R002	Robert Shaw	PRESS INDICATOR PRESS INDICATOR	T	M	M	B			H/C	RB/SB RB/SB	NO			N
158B7009P005	E11 R002 AC E11 R002 BD	Robert Shaw	PRESS INDICATOR PRESS INDICATOR	T	M	M	B				RB/B RB/B	NO			N
158B7009P012	E41 R003 E51 R004	Robert Shaw	PRESS INDICATOR PRESS INDICATOR	T	M	M	B				RB/SB RB/SB	NO			N

SEISMIC QUALIF. SUMMARY OF CLASS
1E EQUIP. - E. FERMI UNIT 2

IDENT NUMBER	MPL NO.	VENDOR	EQUIPMENT	TEST/ ANALYSIS (T/A)	SING. MULT (S/M)	TEST			SHUTDOWN HOT/COLD/N	LOCATION BLDG/ ELEV.	INSTALLED YES/NO	EDISON FILE NO.	REMARKS	REASSESSED (Y/N)
						FREQ	AXIS	ANALYSIS						
15MB7009P013	E11 R003 AC E11 R003 BD E11 R004 AD	Robert Shaw	PRESS INDICATOR PRESS INDICATOR PRESS INDICATOR	T	M	M	B	1st NAT (S/D) DYNAMIC (S/D)		RB/B RD/B	NO			Z
15MB7009P016	E41 R001 E41 R002 E51 R001 E51 R002	Robert Shaw	PRESS INDICATOR PRESS INDICATOR PRESS INDICATOR PRESS INDICATOR	T	M	M	B			REACTOR CLEANUP ELEV.				Z
15MB7009P017	C41 R003	Robert Shaw	PRESS INDICATOR	T	M	M	B			RD/B				Z
15MB7009P020	D21 R03A A D21 R004 B	Robert Shaw	PRESS INDICATOR PRESS INDICATOR	T	M	M	B			RB/Z KB/Z				Z
15MB7021P010	E21 R001 A E21 R001 B E21 R001 C E21 R001 D	Robert Shaw	PRESS INDICATOR PRESS INDICATOR PRESS INDICATOR PRESS INDICATOR	NO	DATA					RB/ 2ND FL			passive	Z
15MC4251P001	E21A-K04A E21A-K04B E41A-K76 E41A-K79 E41A-K80 E41A-K81 E41A-K82	GE	RELAY RELAY RELAY RELAY RELAY RELAY RELAY	T	M	M	B			AUX. BLDG 2ND FL	YES			Z
15MC4251P003	E41A-K30	GE	RELAY	T	M	M	B							Z

SEISMIC QUALIF. SUMMARY OF CLASS
1E EQUIP. - E. FERMI UNIT 2

IDENT NUMBER	MPL NO.	VENDOR	EQUIPMENT	TEST/ ANALYSIS (T/A)	AXIS SING/MULT (S/M)	TEST		ANALYSIS		SHUTDOWN HOT/COLD/N	LOCATION BLDG/ ELEV.	INSTALLED YES/NO	EDISON FILE NO.	REMARKS	REASSESSED (Y/N)
						FREQ	AXIS	STATIC DYNAMIC (S/D)	1st NAT. FREQ.						
163C1561 18904383P001		ROSEMOUNT Barton		T	M	M	B								
	B21-N037-A	N085A	LEVEL IND XMTR								RB/1				N
163C1561 18904383P002		ROSEMOUNT Barton		T	M	M	B								N
	B21-N078-AB	N081AB	LEVEL IND SWITCH												N
	B21-N078-CD	N081CD	LEVEL IND SWITCH												N
163C1561 18904383P001		ROSEMOUNT Barton		T	M	M	B								N
	B21-N031-AC	N091AC	LEVEL IND SWITCH												N
	B21-N031-BB	N091BD	LEVEL IND SWITCH												N
163C1561 18904383P002		ROSEMOUNT Barton		T	M	M	B								N
	B21-N024-AB	N080AB	LEVEL IND SWITCH												N
	B21-N024-CB	N080CD	LEVEL IND SWITCH												N
	B21-N012-B	N095B	LEVEL IND SWITCH												N
18904448P001		YAWAY		T	M	S	S								N
	B21-N023-AB		LEVEL IND SWITCH												N
	B21-N023-AB		LEVEL IND SWITCH												N
18904478P001		Micro Switch	SWITCH SWITCH	T	M	S	S			H/C					N
	E11A-5020AC														N
	E11A-5020BD														N
18904492P001		Micro Switch	SWITCH SWITCH IND SWITCH IND SWITCH	T	M	S	S			H/C					N
	E41A-525														N
	E41A-526														N
	E41A-527														N
	E51A-514														N
	E51A-515														N
163C10260001		GE	SWITCH							H/C					N
	C71A-501														N

SEISMIC QUALIF. SUMMARY OF CLASS
1E EQUIP. - E. FERMI UNIT 2

IDENT NUMBER	MPL NO.	VENDOR	EQUIPMENT	TEST/ ANALYSIS (T/A)	AXIS SING/MULT (S/W)	TEST		ANALYSIS		SHUTDOWN HOT/COLD/N	LOCATION BLDG/ ELEV.	INSTALLED YES/NO	EDISON FILE NO.	REMARKS	REALSESSED (Y/N)
						FREQ	AXIS	STATIC/ DYNAMIC (S/D)	1st NAT. FREQ.						
163C11640001	B11 D193	GE	PWER ROE DET ASSM	A				S			RB/1	No			Z
164C525AP001	A71B-K67AD	Agastat	RELAY	T	M	S	S				AB/2				Z
164C525AP002	B2 -K11MR B21C-K27MR B21C-K30AB	Agastat	RELAY RELAY RELAY	T	M	S	S			II/C	AB/2 AB/2 AB/2				Z
174B90700001	C71A-304	GE	SWITCH	T	M	M	B			II/C	AB/3				Z
174B90700002	C71A-305	GE	SWITCH	T	M	M	B			H/C	AB/3				Z
194XG720008	C51 K601 AH	GE	WDM-HSV	T	M	M	B				RB/2				Z
194X9270011	D11 R010 AB	GE	SEN & CONV	T	M	S	S				RB/3				Z
207A4965P001	E11 N022 A E11 N022 B	Barksdale	PRESS SWITCH PRESS SWITCH	T	M	M	B				RB/B RB/B				Z
207A4965P002	F21 N007 A F21 N007 B	Barksdale	PRESS SWITCH PRESS SWITCH	T	M	M	B				RB/B RB/B				Z

SEISMIC QUALIF. SUMMARY OF CLASS
IE EQUIP. - E. FERMI UNIT 2

SEISMIC QUALIF. SUMMARY OF CLASS 1E EQUIP. - E. FERMI UNIT 2																		
IDENT NUMBER	MPL NO.	VENDOR	EQUIPMENT	TEST/ ANALYSIS (T/A)	AXIS (S/M)	SING/ MULT.	SING/ FREQ.	SING/ B/L (S/B)	TEST	ANALYSIS	STATIC (S/D)	1st NAT FREQ.	SHUTDOWN HOT/COLD/N	LOCATION BLDG/ ELEV.	INSTALLED YES/NO	EDISON FILE NO.	REMARKS	RELEASED (Y/N)
209A5155F003	A718-X34	GE	RELAY	T	M	S	S	S						AB/2	YES			N
216X4940013	C51 K602 BF C51 K602 CO	GE	SWITCH SWITCH	T	M	M	M	B						RB/2 RV/3	YES			N
216X4940014	C51 K602 AE C51 K602 DH	GE	SWITCH SWITCH	T	M	M	M	B						RB/3 RV/3	YES			N
229A4908P002	E11A-5042	GE	SWITCH	T	M	M	M	B						AB/3	YES			N
236X402T00001	H11-86026	GE	CABINET	T&A	M	M	M	B						AB/2	YES		Similar- ity	N
237X574T00001	H11-8620	GE	VERTICAL BOARD	T&A	M	M	M	B						AB/2	YES		Similar- ity	N
237X7310001	D11 M006 AD	GE	DETECTOR	T	M	M	M	B						RB/1	NO		Similar- ity	N
238X232100001	H11-8622	GE	VERTICAL BOARD	T&A	M	M	M	B						AB/2	YES		Similar- ity	Y
238X237100001	H11-8623	GE	VERTICAL BOARD	T&A	M	M	M	B						AB/2	YES		Similar- ity	N

SEISMIC QUALIF. SUMMARY OF CLASS
1E EQUIP. - E. FERMI UNIT 2

IDENT NUMBER	MPL NO.	VENDOR	EQUIPMENT	TEST/ ANALYSIS (T/A)	AXIS SING/MULT (S/M)	TEST		ANALYSIS		SHUTDOWN HOT/COLD/N	LOCATION BLOG/ ELEV.	INSTALLED YES/NO	EDISON FILE NO.	REMARKS	REASSESSED (Y/N)
						FREQ	AXIS	STATIC DYNAMIC (S/D)	1st NAT. FREQ.						
238X240T00001	H11-P607	GE	VERTICAL BOARD	T&A	M	M	B				AB/z	↑		Similarity	Y
238X240T00002	H11-P608	GE	VERTICAL BOARD	T&A	M	M	B				AB/z	—		Similarity	Y
238X240T00001	H11-P609	GE	VERTICAL BOARD	T&A	M	M	B				AB/z	YES		Similarity	Y
238X277T00001	H11-P609	GE	VERTICAL BOARD	T&A	M	M	B				AB/z	—		Similarity	
238X377T00002	H11-P611	GE	VERTICAL BOARD	T&A	M	M	B				AB/z	↓		Similarity	
238X660T00003	D11 K603 AD	GE	LUG RAD MON	T	M	M	B				RB/z	No			
238X697T00009	C51A-202AD	GE	TRIP AUX UNIT	T	M	M	B					No			
238X733T00001	H21-P025	GE	RACK	T&A	M	M	B				RB/1	↑		Similarity	
238X772T00001	H21-P001	GE	RACK	T&A	M	M	B				RB/B	YES		Similarity	
238X775T00001	H21-P004	GE	RACK	T&A	M	M	B				RB/z	↓		Similarity	Y

SEISMIC QUALIF. SUMMARY OF CLASS
IE EQUIP. - E. FERMI UNIT 2

IDENT NUMBER	MPL NO.	VENDOR	EQUIPMENT	TEST/ ANALYSIS (T/A)	AXIS SING/MULT (S/M)	TEST		ANALYSIS		SHUTDOWN HOT/COLD/N	LOCATION BLOG/ ELEV.	INSTALLED YES/NO	EDISON FILE NO.	REMARKS	REASSESSED
						FREQ	AXIS	STATIC DYNAMIC (S/D)	1st NAT. FREQ.						
238X776T00001	H21-P005	GE	RACK	T&A	M	M	B				RB/2	YES		Simi- larity	Y
238X777T00001	H21-P006	GE	RACK	T&A	M	M	B				RB/B			Simi- larity	Y
238X789T00001	H21-P022	GE	RACK	T&A	M	M	B				RB/B			Simi- larity	Y
238X791T00001	H21-P014	GE	RACK	T&A	M	M	B				RB/B			Simi- larity	
238X794T00001	H21-P015	GE	RACK	T&A	M	M	B				RB/1			Simi- larity	
238X795T00001	H21-P017	GE	RACK	T&A	M	M	B				RB/B			Simi- larity	Y
238X796T00001	H21-P018	GE	RACK	T&A	M	M	B				RB/B			Simi- larity	
238X797T00001	H21-P019	GE	RACK	T&A	M	M	B				RB/B			Simi- larity	
238X798T00001	H21-P021	GE	RACK	T&A	M	M	B				RB/B			Simi- larity	Y
238X903T00001	H21-P001	GE	VERTICAL BOARD	T&A	M	M	B				AB/2			Simi- larity	Y

SEISMIC QUALIF. SUMMARY OF CLASS
IE EQUIP. - E. FERMI UNIT 2

SEISMIC QUALIF. SUMMARY OF CLASS IE EQUIP. - E. FERMI UNIT 2																	
IDENT NUMBER	MPL NO.	VENDOR	EQUIPMENT	TEST/ ANALYSIS (T/A)	AXIS SING/MULT (S/M)	TEST			ANALYSIS			SHUTDOWN HOT/COLD/N	LOCATION BLDG/ ELEV.	INSTALLED YES/NO	EDISON FILE NO.	REMARKS	REASSSED (Y/N)
238X912T000001	111-P602	GE	BENCH BOARD	T	M	M	B						AB/2	Y		Simi- larity	Y
238X912T000001	111-P603	GE	BENCH BOARD	T	M	M	B						AB/2	Y		Simi- larity	Y
238X912T000001	111-P612	GE	INSTRUMENT RACK	T&A	M	M	B						AB/2	Y		Simi- larity	Y
238X913T000001	111-P613	GE	CABINET	T&A	M	M	B						AB/2	Y		Simi- larity	Y
238X915T000001	111-P614	GE	VERTICAL BOARD	T&A	M	M	B						AB/2	Y		Simi- larity	Y

SEISMIC QUALIF. SUMMARY OF CLASS
IE EQUIP. - E. FERMI UNIT 2

SEISMIC QUALIF. SUMMARY OF CLASS 1E EQUIP. - E. FERMI UNIT 2				EQUIPMENT	TEST/ ANALYSIS (T/A)	AXIS SING/MULT (S/M)	SING/ MULT. (S/M)	SING/ BIL (S/B)	TEST		STATIC DYNAMIC (S/D)	1st NAT FREQ.	SHUTDOWN HOT/COLD/N	LOCATION BLDG/ ELEV.	INSTALLED YES/NO	EDISON FILE NO.	REMARKS	REASSESSED (Y/N)
IDENT NUMBER	MPI. NO.	VENDOR	FREQ						AXIS									
238K930T00001	1411-P626	GE	VERTICAL BOARD	T&A	M	M	B							AB/Z			Similar- ity	N
238K930T00002	1411-P627	GE	VERTICAL BOARD	T&A	M	M	B							AB/Z			Similar- ity	N
328K103T00001	C51 K603	GE	CABINET PWR RANGE INST	T&A	M	M	B							RB/Z			Similar- ity	N
368K206T00001		GE	VERTICAL BOARD	T&A	M	M	B										Similar- ity	N
5531119CA44AH	C32 M004 AC C32 M004 BD	Bailey	LEVEL XMTR LEVEL XMTR	T	M	M	B							RB/Z RB/Z				N
5531119DA44DA	E11 M013	Bailey	DIFF PRESS XMTR	T	M	M	B							RB/B				N

REASSSESSED

SEISMIC QUALIF. SUMMARY OF CLASS 1E EQUIP. - E. FERMI UNIT 2																	
IDENT NUMBER	MPL NO.	VENDOR	EQUIPMENT	TEST/ ANALYSIS (T/A)	AXIS SING/MULT (S/M)	TEST		SING/MULT (S/M)	SING/BIL (S/B)	ANALYSIS		SHUTDOWN HOT/COLD/N	LOCATION BLDG/ ELEV.	INSTALLED YES/NO	EDISON FILE NO.	REMARKS	
						TREQ	AXIS			STATIC DYNAMIC (S/D)	1st NAT. FREQ.						
555111BDA4VAJ	B21 N027	GEMAC/Baliley	LEVEL XMTR	T	M	S	S		S				RB/Z				
555111BDA4VAM	B21 N032 B21 N033 AC B21 N033 BD B21 N034 AC B21 N034 BD B21 N034 EG B21 N034 FH B21 N034 JL B21 N034 KM B21 N034 MR B21 N034 PS B21 N034 TV B21 N034 UM B21 N035	GEMAC/Baliley	DIFF PRESS XMTR DIFF PRESS XMTR DIFF PRESS XMTR DIFF PRESS XMTR DIFF PRESS XMTR DIFF PRESS XMTR DIFF PRESS XMTR DIFF PRESS XMTR DIFF PRESS XMTR DIFF PRESS XMTR DIFF PRESS XMTR DIFF PRESS XMTR DIFF PRESS XMTR	T	M	S	S		S				Reactor Bldg 1st Floor				
556102CAAA1	E31 N008	Baliley	PRESS XMTR	T	M	S	S		S				RB/SB				
556120MAAA1	E31 N005	baliley	PRESS XMTR	T	M	S	S		S				RB/SB				
556120MAAA1	E41 N019	Baliley	PRESS XMTR	T	M	S	S		S				RB/SB				
556120CAAA1	E11 N028	Baliley	PRESS XMTR	T	M	S	S		S				RB/B				
556120CAAA1	E41 N010	Baliley	PRESS XMTR	T	M	S	S		S				RB/SB				

SEISMIC QUALIF. SUMMARY OF CLASS
1E EQUIP. - E. FERMI UNIT 2

IDENT NUMBER	MPL NO.	VENDOR	EQUIPMENT	TEST/ ANALYSIS (T/B)	AXIS MULT (S/M)	SING. MULT (S/M)	TEST FREQ (S/M)	SING. /BIL (S/B)	AXIS (S/D)	STABILITY (S/D)	1st NAT FREQ.	SHUTDOWN HOT/COLD/N	LOCATION BLDG/ ELEV.	INSTALLED YES/NO	EDISON FILE NO.	REMARKS	REASS/ESS/ED (Y/N)
5501200AAA1	E11 M026 A E11 M026 B E21 M001 A E21 M001 B	Bailey	PRESS XMTR PRESS XMTR PRESS XMTR PRESS XMTR	T	M	S	S	S					RB/B RB/B RB/B RB/B	YES			N
5501200AAA1WJ	C32 M008	Bailey	PRESS XMTR	T	M	S	S	S					RB/Z				N
550120EAAA1	B31 M026 AC B31 M026 BD C32 M005 AC C32 M005 BD C32 M009 AD C41 M004 E31 M004 E31 M007	Bailey	PRESS XMTR PRESS XMTR PRESS XMTR PRESS XMTR PRESS XMTR PRESS XMTR PRESS XMTR PRESS XMTR	T	M	S	S	S					RB/B RB/B RB/Z RB/Z RB/I RB/A RB/SB RB/SB	YES			N
550120EADA1	E41 M008 E41 M013	Bailey	PRESS XMTR PRESS XMTR	T	M	S	S	S					RB/SB				N
550100AAAC1	E11 K009 B	GEMAC	50 ROOT CONV	T	M	S	S	S					RB/Z				N
570002FAAC1	E11 K603 B	GEMAC	POWER SUPPLY	T	M	S	S	S				H/C	RB/Z				N
8800380M006	B11 D191	GE	DRY TURE	A									RB/	No		Passive	N
15004384P002	M21 M042 A	Barton	LEVEL IND SWITCH	T	M	S	S	S					RB/Z	YES			N

SEISMIC QUALIF. SUMMARY OF CLASS
1E EQUIP. - E. FERMI UNIT 2

IDENT NUMBER	MPI. NO.	VENDOR	EQUIPMENT	TEST/ ANALYSIS (T/A)	AXIS SING/MULT (S/M)	TEST		ANALYSIS		SHUTDOWN HOT/COLD/N	LOCATION BLDG/ FLOOR/ ELEV.	INSTALLED YES/NO	EDISON FILE NO.	REMARKS	REASSESSED (Y/N)
						FREQ. MULT. (S/M)	AXIS SING/ BYL (S/B)	STATIC DYNAMIC (S/D)	1st NAT. FREQ.						
PT OF B21B-24	E11 NG00 AB	Riley	TEMP SWITCH	T	M	S	S				REACTOR BLDG 2ND FLOOR	YES			N
	E11 NG01 AB		TEMP SWITCH												
	E41 NG00		TEMP SWITCH												
	F41 NG01 AB		TEMP SWITCH												
	E41 NG02 AB		TEMP SWITCH												
	E51 NG00		TEMP SWITCH												
	E51 NG01 AB		TEMP SWITCH												
	E51 NG02 AB		TEMP SWITCH												
	E51 NG03 AD		TEMP SWITCH												
	E51 NG04 AD		TEMP SWITCH												
	Q33 NG00 AF		TEMP SWITCH												
PT OF C41 R002	C41 M006	Heed Inst	TEMP ELEMENT	A				S	567		RB/4	YES			N
PT OF C51 K005	B31 K008 AD B31 K007 AD B31 K009 AD B31 K010 AD	GE	30 FOOT CONV FROM AMPL 30 FOOT CONV POWER SUPPLY	T&A	M	M	B				REACTOR BLDG 2ND FLOOR			Similar- ity	N
PT OF C71A	B21 M024 A B21 M024 B	Barton	LEVEL IND SWITCH LEVEL IND SWITCH	T	M	M	B				REACTOR BLDG 2ND FLOOR				N