



MIDDLE SOUTH
UTILITIES SYSTEM

LOUISIANA
POWER & LIGHT

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August 23, 1983

W3P83-2845
3-A20.18
3-A1.01.04
L.09.02

Director of Nuclear Reactor Regulations
Attention: G.W. Knighton, Chief
Licensing Branch No. 3
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

SUBJECT: Waterford 3 SES
Docket No. 50-382
Seismic Qualification of Equipment

Reference: W3P83-1800 dated August 5, 1983

Dear Mr. Knighton:

Please find attached the 07/06/83 revision to the Seismic Qualification Completion Schedule. This listing summarizes changes which have occurred since the issuance of the 06/01/83 version, sent to you by the referenced letter.

If you have any questions, please advise.

Yours very truly,

F.J. Drummond
Manager, Engineering & Technical Services

FJD/SJD/ch
Attachment

cc: Jim Wilson, Jerry Jackson, E. L. Blake, W.M. Stevenson

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SEISMIC QUALIFICATION
COMPLETION SCHEDULE

NSSS-ICE

P.O./SPEC	VENDOR/EQUIPMENT (TAG NOS.)	SQRT FILE NO./ DR NO	QUALIFICATION SCHEDULE/ REMARKS
9403341 (P.O.) 9270-ICE-0005 Rev.01 (Spec)	See Attachment A1	NSSS-ICE-5 NSSS-ICE-5a thru 5h	Equipment has been qualified according to vendor (Westinghouse). Proprietary reports will be released to LP&L pending resolution of proprietary agreement between Westinghouse and LP&L. (See C-CE-7987 of 10/4/82)
Same P.O. and Spec as above	See Attachment A2	NSSS-ICE-9-1 NSSS-ICE-9-2	At a 5/26/83 CE/Ebasco meeting, Mr J Veirs of CE stated he would look into the Westinghouse test requirements. The qualification documentation applicable would be report nos. QTR-1010 (of which EL-1348 is a part) and QTR-1008. Mr J Veirs will advise by 7/15/83.

SEISMIC QUALIFICATION
COMPLETION SCHEDULE

NSSS-
Plant Engineering (PE)

P.O./SPEC	VENDOR/EQUIPMENT (TAG NOS.)	SORT FILE NO./ DR NO	QUALIFICATION SCHEDULE/ REMARKS
910204 9270-PE 704 Rev 04	BM 307 (CE Tag) Fisher 3" Valve	NSSS-PE-36 Rev 1	Fisher submitted their seismic report to CE, mid-June. Upon CE review, inconsistencies were found in the Fisher report; primarily, the load input is not in accordance with CE specification. CE is currently awaiting a new schedule for an updated analysis.
9102040 9270-PE 704 Rev 04	CH 210 Y Fisher 1" Valve	NSSS-PE-26 Rev 1	
9102040 9270-PE 704 Rev 04	CH 512 Fisher 3" Valve	NSS-PE-27 Rev 1	
9102040 9270-PE 704 Rev 04	Fuel Pool Pumps	NSSS-PE-38	Fuel Pool Pump Seismic Report CE Option No. NOE-29 completion date 8/5/83.
LP&L P.O. L-19911-D	COMPUTER PRODUCTS INC. APC MULTIPLEXERS (8)	NO FILE ESTABLISHED	REVIEW OF SEISMIC TEST PLAN NOW IN PROGRESS. ESTIMATED DATE FOR COMPLETION OF SEISMIC TEST IS 09/15/83.

SEISMIC QUALIFICATION
COMPLETION SCHEDULE

P.O./SPEC	VENDOR/EQUIPMENT (TAG NOS.)	SQRT FILE NO./ DR NO	QUALIFICATION SCHEDULE/ REMARKS
<u>BOP-Electrical</u>			
403497	Gould 2-100A, 3 Pole Type EF Breaker in series	SQ-E-2 and 2A DR 82-10-41	New PO requisition requesting IEEE 323-71 and 344-71 qualifying reports. Reports expected by 8/10/83. Completed approval letter: LW3-897-83, dated 6/16/83.
403659	BIW: Refueling Disconnect Assemblies; Reactor Vessel Head Assemblies; Cable Seal Assemblies	SQ-E-86	BIW determined that additional seismic analysis is needed. Ebasco issued a PO req- uisition to BIW by 7/6/83. Reports expected by 8/5/83.
403496	Conax Corp Elect Penetration Termin- ation Enclosures & Support Structures	SQ-E-16 thru SQ-E-19	Report review with comments. Letter to vendor LW3-774-83, dated 5/17/83. Reply expected by 6/15/83. Ebasco is to complete review by 6/30/83. Completed approval letter LW3-949-83, dated 6/30/83
403517	Cooper Energy Services Diesel Generator Sets	SQ-E-24 thru SQ-E-85 DR 82-7-33 DR 82-12-69	Letter LW3-384-83, dated 3/28/83 to CES. Reply expected by 6/10/83. Completed approval letter: LW3-952-83 dated 6/30/83 and memo A DeVito to L Lubinski dated 6/29/83.
403517	Cooper Energy Services Diesel Generator Sets	File not established yet All items closed per letter: LW3-952-83, dated 6/30/83 Except: 1) Check Valve (GD 9-36876#2) 2) Fisher Press. Regulator (2-04V-09B-001) 3) Versa 3-way valve (2-05V-101-002) 4) Heyman Press Guage (2-01J-610-012)	CES response by 7/19/83. Ebasco resolution by 7/31/83.

SEISMIC QUALIFICATION
COMPLETION SCHEDULE

P.O./SPEC	VENDOR/EQUIPMENT (TAG NOS.)	SQRT FILE NO./ DR NC	QUALIFICATION SCHEDULE/ REMARKS
<u>BOP - I&C</u> 403802	Frank Electric Corp Auxiliary Isolation Panels	Not Yet Established	Report reviewed by Ebasco letter to vendor with comments by 6/10/83. Completed approval letter: LW3-853-83, dated 6/7/83.
<u>BOP - Mechanical</u> NY-403511 LOU-1564124 113 114	3CC-R218A 3CC-R244A/B	No File Established Yet	Report expected in 8/15/83
NY-403539 LOU-1564.109C 43	Jamesbury 3CC-B9 3CC-B10	No File Established Yet	Completed approval letter: LW3-981-83, dated 7/6/83
NY-403805	Joseph Oat Corp Breathing Air Storage Tanks	No File Established Yet	Report received and under review. Complete by 7/23/83
NY-403522 LOU-1564.103A 171 172	ITT Grinnell 2WM-F104 A/B 2WM-F105 A/B	SQ-MN-55 SQ-MN-55	Certificate for valve requalification due to addition of switches expected 7/15/83.
<u>BOP - App Phy</u> 403621	General Atomic Isokenetic Nozzle	No Files Established Yet	Report returned to vendor with comments. Response by vendor expected 8/12/83.

SYSTEM: Plant Protection

<u>ITEM</u>	<u>TAG OR IDENTIFICATION</u>	<u>EQUIPMENT AVAILABILITY FOR INSPECTION IN FIELD</u>	<u>SQ REPORT FILE NO.</u>	<u>ACCESSORIES</u>
16	CPC/CEAC Central Processing Unit	Later	NSSS-ICE-2b	
17	CPC/CEAC MACS Chassis	Later	NSSS-ICE-2c	
18	CPC/CEAC Power Supply	Later	NSSS-ICE-2d	
19	CEA Position Isolation Amplifiers	Later	NSSS-ICE-2e	
20	SY-103A, B, C, D	Yes	NSSS-ICE-2f	
21	RY-010A, B, C, D	Later	NSSS-ICE-2g	
22	Reactor Trip Switchgear Cabinet	Yes	NSSS-ICE-3	
23	ESFAS Auxiliary Relay Cabinet	Yes	NSSS-ICE-4	
24	Process Instrument Rack	Yes	NSSS-ICE-5	
25	TY-112CA-1/TY-112HA-1/ TY-122CA-1/TY-122HA-1/ PY-1013A-1/PY-1013A-2/ PY-1023A-1/PY-1023A-2/ LY-305A-1/PY-352A-1/SPARES PY-101A-1/PY-101A-2/ PY-102A-1/PY-102A-2/ LY-1113A-1/LY-1113A-2/ LY-1123A-1/LY-1123A-2/ PY-351A-1/SPARES TY-112CB-1/TY-112HB-1/ TY-122CB-1/TY-122HB-1/ PY-1013B-1/PY-1013B-2/ PY-1023B-1/PY-1023B-2/ PY-101B-1/PY-101B-2/ PY-102B-1/PY-102B-2/ LY-1113B-1/LY-1113B-2/ LY-1123B-1/LY-1123B-2/ PY-351B-1/SPARES TY-112CC-1/TY-112HC-1/ TY-122CC-1/TY-122HC-1/	Yes	NSSS-ICE-5a	

SYSTEM: Plant Protection

<u>ITEM</u>	<u>TAG OR IDENTIFICATION</u>	<u>EQUIPMENT AVAILABILITY FOR INSPECTION IN FIELD</u>	<u>SQ REPORT FILE NO.</u>	<u>ACCESSORIES</u>
25 (Cont'd)	PY-101C-1/PY-101C-2/ PY-102C-1/PY-102C-2/ LY-305C-1/PY-352C-1/SPARES PY-1013C-1/PY-1013C-2/ PY-1023C-1/PY-1023C-2/ LY-1113C-1/LY-1113C-2/ LY-1123C-1/LY-1123C-2/ PY-351C-1/SPARES TY-112CD-1/TY-112HD-1/ TY-122CD-1/TY-122HD-1/ PY-1013D-1/PY-1013D-2/ PY-1023D-1/PY-1023D-2/ LY-305D-1/PY-352D-1/SPARES PY-101D-1/PY-101D-2/ PY-102D-1/PY-102D-2/ LY-1123D-1/LY-1123D-2 PY-351D-1/SPARES	Later		
26	TY-303X, TY-303Y, TY-351X, TY-352X, TY-351Y, TY-352Y	Later	NSSS-ICE-5b	
27	TY-112CA, TY-112CB, TY-112CC, TY-112CD, TY-122CA, TY-122CB, TY-122CC, TY-122CD, TY-112HA, TY-112HB, TY-112HC, TY-112HD, TY-122HA, TY-122HB, TY-122HC, TY-122HD, PY-101A, PY-101B, PY-101C, PY-101D, PY-103, PY-104, PY-303X, PY-303Y, PY-102A, PY-102B, PY-102C, PY-102D, LY-305A, LY-305B, LY-305C, LY-305D, PY-1013A, PY-1013B, PY-1013C, PY-1013D, PY-1023A, PY-1023B, PY-1023C, PY-1023D, LY-1113A, LY-1113B, LY-1113C, LY-1113C, LY-1123A, LY-1123B, LY-1123C, LY-1123D, LY-110X, LY-110Y, PY-105, PY-106, PY-351A, B, C, D PY-352A, B, C, C	Later	NSSS-ICE-5c	

SYSTEM: Plant Protection

<u>ITEM</u>	<u>TAG OR IDENTIFICATION</u>	<u>EQUIPMENT AVAILABILITY FOR INSPECTION IN FIELD</u>	<u>SQ REPORT FILE NO.</u>	<u>ACCESSORIES</u>
28	JC-002A/JC-002A-1/ PC-103/PC-103-1/SPARE/ PSFA-A, JC-002B/JC-002B-1/ PC-104/PC-104-1/SPARE/PSFA-B JC-002C/JC-002C-1/PC-105/ SPARE/SPARE/PSFA-C, JC-002D/ JC-002D-1/PC-106/SPARE/SPARE/ PSFA-D	Later	NSSS-ICE-5d	
29	JA-002A/JA-002A-1 JA-002B/JA-002B-1 JA-002C/JA-002C-1 JA-002D/JA-002D-1	Later	NSSS-ICE-5e	
30	PA-103/PA-103-1, PA-105 PA-104/PA-104-1, PA-106	Later	NSSS-ICE-5f	
31	TY-351X-1, TY-351Y-1, TY-303X-1, TY-303Y-1 PY-1023A-3, PY-1023A-4 LY-110Y-1, LY-101Y-2 PY-1013B-3, PY-1013B-4 TY-352Y-1, TY-352X-1, PY-102A-3, PY-102A-4 LY-1113A-3, LY-1113A-4 JY-001A, JY-001A-1 PY-102B-3, PY-103B-4 PY-1013A-3, PY-1013A-4 LY-1123B-3, LY-1123B-4	Later	NSSS-ICE-5g	
32	JY-001C, JY-001D JY-002A, JY-002A-1 LY-1123A-3, LY-1123A-4 LY-110X-1, LY-110X-2 LY-113B-3, LY-113B-4 PY-1023B-3, PY-1023B-4 JY-002B, JY-002B-1 JY-002C, JY-002C-1 JY-002D, JY-002D-1	Later	NSSS-ICE-5h	

LOUISIANA POWER & LIGHT COMPANY
WATERFORD SES UNIT NO. 3
SEISMIC QUALIFICATION SUMMARY

SYSTEM: Nuclear Instrumentation

<u>ITEM</u>	<u>TAG OR IDENTIFICATION</u>	<u>EQUIPMENT AVAILABILITY FOR INSPECTION IN FIELD</u>	<u>SQ REPORT FILE NO.</u>	<u>ACCESSORIES</u>
1	JI-RC-0003A JI-RC-0004A JI-RC-0003B JI-RC-0004B JI-RC-0003C JI-RC-0004C JI-RC-0003D JI-RC-0004D JI-RC-0001A JI-RC-0001B JI-RC-0001C JI-RC-0001D	Yes	NSSS-ICE-8-2	
2	JR-RC-0002A JR-RC-0002B JR-RC-0002C JR-RC-0002D	Yes	NSSS-ICE-9-1	
3	JR-RC-0001	Yes	NSSS-ICE-9-2	
4	Nuclear Instrument Detector	Later	NSSS-ICE-13	
5	Nuclear Instrument Preamplifier	Later	NSSS-ICE-14	

LOUISIANA POWER & LIGHT COMPANY
WATERFORD SES UNIT NO. 3
SEISMIC QUALIFICATION SUMMARY

SYSTEM: Reactor Coolant

<u>ITEM</u>	<u>TAG OR IDENTIFICATION</u>	<u>EQUIPMENT AVAILABILITY FOR INSPECTION IN FIELD</u>	<u>SQ REPORT FILE NO.</u>	<u>ACCESSORIES</u>
1	TT-112CA, CB, CC, CD TT-122CA, CB, CC, CD TT-112HA, HB, HC, HD TT-122HA, HB, HC, HD	No	NSSS-ICE-51	
2	PI-101A, PI-101B, PI-101C PI-101D, LI-110X, LI-110Y	Yes	NSSS-ICE-8-1	
3	TI-102HA, TI-102HB, TI-102HC, TI-102HD TI-102CA, TI-102CB TI-102CC, TI-102CD PI-102A, PI-102B, PI-102C, PI-102D	Yes	NSSS-ICE-8-2	
4	TR-102HA, TR-102CA	Yes	NSSS-ICE-9-1	
5	LR-110X, PR-102A	Yes	NSSS-ICE-9-2	
6	TE-111X, TE-121X TE-112CA, CB, CC, CD TE-122CA, CB, CC, CD TE-112HA, HB, HC, HD TE-122HA, HB, HC, HD	Yes	NSSS-ICE-10-1	
7	PT-100X, Y PT-101A, B, C, D PT-102A, B, C, D PT-103, 105	Yes	NSSS-ICE-11-1	
8	LT-110X, Y	Yes	NSSS-ICE-11-2	
9	PT-104, 106	Yes	NSSS-ICE-11-6	
10	PS-224X, Y, Z	Yes	NSSS-ICE-16	