



LOUISIANA
POWER & LIGHT

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August 5, 1983

W3P83-1880
3-A20.18
3-A1.01.04
L.09.02

Director of Nuclear Reactor Regulations
Attn: G. W. Knighton
Licensing Branch #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: W3P83-1103 dated April 27, 1983

Dear Mr. Knighton:

Please find attached the 06/01/83 revision to the Seismic Qualification Completion Schedule. This listing summarizes changes that have occurred since the issuance of the 03/02/83 version, sent to you by the referenced letter.

If you have any questions or comments, please advise.

Yours very truly,

F. J. Drummond

FJD/SJD/pjl

Attachment

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

Revision
06/01/83SEISMIC QUALIFICATION
COMPLETION SCHEDULE

NSSS-ICE

P.O./SPEC	VENDOR/EQUIPMENT (TAG NOS.)	SHORT 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 report 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	Original seismic test (Westinghouse # EL99) not approved. Westinghouse resubmitted with new test report (#EL1348) C-E technical review completed but administrative work not complete. QRT-1010 and QRT-1008 should replace EL991 as the applicable qualification references for the Veri-Trak Recorders. EL1348 is contained in QRT-1010. Retest by Westinghouse is required. A meeting was held 5/26/83 between CE and Ebasco to discuss outstanding technical items. Mr J Veirs of CE stated he would look into the Westinghouse test requirements and advise Ebasco by 6/15/83.

NSSS-
Plant Engineering (PE)

SEISMIC QUALIFICATION
COMPLETION SCHEDULE

P.O./SPEC	VENDOR/EQUIPMENT (TAG NOS.)	SOFT 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/CE established a tentative submittal date of 6/1/83. CE to submit report to Ebasco 6/15/83 (Per CE/Ebasco mtg 5/26/83).
9102040 9270-PE 704 Rev 04	CH 210 Y Fisher 1" valve	NSSS-PE-26 Rev 1	Fisher/CE established a tentative submittal date of 6/1/83. CE to submit report to Ebasco 6/15/83 (Per CE/Ebasco mtg 5/26/83).
9102040 9270-PE 704, Rev 04	CH 512 Fisher 3" valve	NSSS-PE-27 Rev 1	Fisher/CE established a tentative submittal date of 6/1/83. CE to submit report to Ebasco 6/15/83 (Per CE/Ebasco mtg 5/26/83)

BOP-Electrical

SEISMIC QUALIFICATION
COMPLETION SCHEDULE

P.O./SPEC	VENDOR/EQUIPMENT (TAG NOS.)	SORT FILE NO./ DR NO	QUALIFICATION SCHEDULE/ REMARKS
403516	Solid State Control SUPS: Capacitor Trays	SQ-E-9 and 10/DR 82-2-80	Completed approval letter: LW3-607-83
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.
403659	BIW: Refueling Disconnect Assemblies; Reactor Vessel Head Assemblies; Cable Seal Assemblies	SQ-E-86	BIW determined that additional seismic analysis is needed. Ebasco to issue PO re- quisition to BIW by 6/10/83. Reports expected by 7/15/83.
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.
403496	Conax Corp Elect Penetration Termin- ation Enclosures & Support Structures	SQ-E-16 thru SQ-E-19	Report review with comments. Letter to ver- LW3-774-83, dated 5/17/83. Reply expected 6/15/83. Ebasco is to complete review by 6/30/83.
403657	Systems Control Vital AC/DC Distribution Panels	SQ-E-15	Completed approval letter: L 3-618-83.

BOP-I&C

SEISMIC QUALIFICATION
COMPLETION SCHEDULE

P.O./SPEC	VENDOR/EQUIPMENT (TAG NOS.)	SORT FILE NO./ DR NO	QUALIFICATION SCHEDULE/ REMARKS
403402	Combustion Eng'g scales for Sigma 1251 Flow Indicators	DR No 82-8-62 No File Established Yet	Reliance Indicators are qualified, memo Statz to Stinson 2/15/83 F/R 2Q-Q-2, Ref CE analysis
403649	Riley: Annunciator Assemblies	DR No. 79-9-43S1 No File Established Yet	DR 79-9-43S1 is closed. Memo: Jarvis to Stinson dated 5/27/83
403800	Fluid Components Inc	DR No. 83-1-38 No File Established Yet	Seismic report is accepted. Memo Domenech to Stinson, dated 4/25/83 is sufficient to close DR 83-1-38
403802	Frank Electric Corp. Auxiliary Isolation Panels	Not Yet Established	Report reviewed by Ebasco letter to vendor with comments by 6/10/83
403485	ITT Barton Indicating Switches	SQ-IC-4	Completed 1/20/83 File 2Q-I-8A
403642	ITT Barton Pressure Transmitters	SQ-IC-4B	Completed 3/1/83 File 2Q-I-34

SEISMIC QUALIFICATION
COMPLETION SCHEDULE

BOP-Mechanical

P.O./SPEC	VENDOR/EQUIPMENT (TAG NOS.)	SORT FILE NO./ DR NO	QUALIFICATION SCHEDULE/ REMARKS
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-10	No File Established Yet	Report submitted 4/15/83. Review completed by 6/20/83
NY-403805	Joseph Oat Corp Breathing Air Storage Tanks	No File Established Yet	Report expected by 6/15/83
NY-403483 LOU-1564.109A 6A 6B	2HV-B150 2HV-B151 thru B155	SQ-MN-52 " " "	Completed approval letter: LW3-316-83
NY-403461 LOU-1564.104 23 24	2FW-V823A V824B	SQ-MN-25R1 "	Completed approval letter: LW3-306-83
NY-403539 LOU-1564.109C 44	3CC-B4	No File Established	Completed approval letter: LW3-307-83

SEISMIC QUALIFICATION
COMPLETION SCHEDULE

BOP-Mechanical

P.O./SPEC	VENDOR/EQUIPMENT (TAG NOS.)	SORT FILE NO./ DR NO	QUALIFICATION SCHEDULE/ REMARKS
NY-403501 LOU-1564.102	Velan		
1	5MS-V650 (8)	No File Established Yet	Completed approval letter: LW3-829-83, dated 5/31/83
3	5MS-V652 (2)	"	
53	3EG-V616B	"	
265	5FW-V1522	"	
352	6AC-V721	"	
395	3AE-V615	"	
421	3CC-V642 (4)	"	
444	5FW-V1522 (g)	"	
447	2FW-V1531 (6)	"	
494	3AC-V778A	"	
	3AC-V779A	"	
	3AC-V780A/A	"	
	3AC-V781A/B	"	
	3AC-V782	"	
	3AC-V783	"	
498	2CC-V652 (14)	"	

SEISMIC QUALIFICATION
COMPLETION SCHEDULE

BOP-Mechanical

P.O./SPEC	VENDOR/EQUIPMENT (TAG NOS.)	SORT FILE NO./ DR NO	QUALIFICATION SCHEDULE/ REMARKS
577	6AC-V785 6XX-V316 V317 V318 V319 V320 V321	No File Established Yet " " " " " "	Completed approval letter: LW3-829-83 dated 5/31/83 " " " " " "
578	7CF-V640 7CF-V642 7XX-V322	" " "	" " "
628	2MS-V1524 (8)	"	"
629	3NG-V684 (8) 3IA-V613 3IA-V611	" " "	" " "
630	3AC-V809	"	"
631	2XX-V700 thru V809 (110)	" "	" "
632	2XX-V810 thru V849 (40)	" "	" "
633	2XX-V850 thru V-860 (10)	" "	" "
634	2XX-V860 thru V-863 (4)	" "	" "

SEISMIC QUALIFICATION
COMPLETION SCHEDULE

BOP-Mechanical

P.O./SPEC	VENDOR/EQUIPMENT (TAG NOS.)	SOFT FILE NO./ DR NO	QUALIFICATION SCHEDULE/ REMARKS
NY-403506 LOU-1564.083B 258 259 260 261	Velan 1XX-V927 thru V938 2XX-V939 thru V953 2XX-V954 thru V983 2XX-V984 thru V998	No File Established Yet " " "	Completed approval letter: LW3-817-83
NY-403522 LOU-1564.103A 219A 226A 171 172	ITT Grinnell 3WM-V223 (2) 3WM-V224 2WM-F104 A/B 2WM-F105 A/B	SQ-MN-305 SQ-MN-55 SQ-MN-55	Completed approval letter: LW3-305-83 Certificate for valve requalification due to addition of switches expected 6/20/83
NY-403572 LOU-1564.089A 5	Dry Clg. Twr. Area Sump Pump Motors (2)	SQ-MN-108	Completed approval letter: LW3-270-81

SEISMIC QUALIFICATION
COMPLETION SCHEDULE

BOP-Mechanical

P.O./SPEC	VENDOR/EQUIPMENT (TAG NOS.)	SORT FILE NO./ DR NO	QUALIFICATION SCHEDULE/ REMARKS
403483	Fisher Limit Switch Accessories	SC-MN-52 DR 83-1-33	DR 83-1-33 closed: memo E Aziz to B Noland dt 5/31/83.
403501	Velan Valves 2-1" Diaphragm Valves	DR 83-3-47 No File Established Yet	Completed approval letter: LW3-829-83 dated 5/31/83
NY-403674 LOU-1564.068 15	Target Rock 2SI-E654 -E655	No File Established Yet	Completed approval letter LW3-549-83 dated 4/6/83
16	2HA-E642	"	"
17	2HA-E643 E644	"	"
5	2SI-E1587A 2SI-E1588B	SQ-MN-295	Completed approval letter LW3-954-82, dated 7/19/82

BOP-Applied Physics

SEISMIC QUALIFICATION
COMPLETION SCHEDULE

P.O./SPEC	VENDOR/EQUIPMENT (TAG NOS.)	SOFT FILE NO./ DR NO	QUALIFICATION SCHEDULE/ REMARKS
403621	General Atomic Isokenetic Nozzle	No File Established	Report returned to vendor with comments Response by vendor expected 6/20/83
BOP-HVAC 403558	Buffalo Forge	No File Established DR 82-5-68	Completed approval letter: LW3-739-83, dated 5/12/83
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 com- pletion of seismic test is 07/15/83.

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

ITEM	TAG OR IDENTIFICATION	EQUIPMENT AVAILABILITY FOR INSPECTION IN FIELD	SQ REPORT FILE NO.	ACCESSORIES
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, FY-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	