



September 5, 1979
L-79-245

Mr. James P. O'Reilly, Director, Region II
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
101 Marietta Street, Suite 3100
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

Re: RII:JPO
50-335
IE Bulletin 79-14

A partial response to Item 1 of the subject Bulletin was submitted to your office on August 6, 1979 (L-79-212). The balance of data needed to complete Item 1 has now been compiled and is attached for your information.

Very truly yours,

J A DeMastri

Robert E. Uhrig
Vice President
Advanced Systems & Technology

REU/MAS/cph

Attachment

cc: Director, Office of Inspection and Enforcement
Director, Division of Operating Reactors
Harold Reis, Esquire

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PEOPLE...SERVING PEOPLE

ATTACHMENT

Re: RII:JPO
50-335
IE Bulletin 79-14

<u>SYSTEM</u>	<u>CALCULATION NO.</u>	<u>REMARKS</u>
Blowdown	0001	
Blowdown	0002	
Condensate	995	
Condensate	996	
Condensate	914	
Condensate	915	
Component Cooling	R-CC-18-13	By chart method
Component Cooling	R-CC-180-14	By chart method
Component Cooling	R-CC-180-20	By chart method
Component Cooling	R-CC-180-21	By chart method
Component Cooling	R-CC-180-26	By chart method
Component Cooling	R-CC-180-28	By chart method
Chemical Volume Control	9110	
Chemical Volume Control	1111	
Chemical Volume Control	1953	
Chemical Volume Control	2	
Chemical Volume Control	3	
Chemical Volume Control	1021	
Chemical Volume Control	2021	
Chemical Volume Control	3900001-002	By EDS Nuclear
Chemical Volume Control	3900001-003	By EDS Nuclear
Chemical Volume Control	3900001-004	By EDS Nuclear
Chemical Volume Control	R-CH-195-1A	By chart method
Chemical Volume Control	R-CH-195-2	By chart method
Chemical Volume Control	R-CH-195-3	By chart method
Diesel Oil	1091	
Circulating Water	963	
Circulating Water	964	
Circulating Water	998	
Circulating Water	999	
Circulating Water	1000	
Circulating Water	1001	
Circulating Water	2003	
Circulating Water	R-SK-172-13	By chart method
Circulating Water	R-SK-172-14	By chart method
Circulating Water	R-SK-172-15	By chart method
Circulating Water	R-SK-172-16	By chart method
Circulating Water	R-SK-172-17	By chart method

<u>SYSTEM</u>	<u>CALCULATION NO.</u>	<u>REMARKS</u>
HVAC	2314	
HVAC	2315	
Main Steam	548	
Main Steam	1076	
Main Steam	649	
Miscellaneous	200	
Miscellaneous	201	
Miscellaneous	204	
Reactor Coolant	30001-005A	By EDS Nuclear
Safety Injection	2032	
Safety Injection	871	
Waste Management	2001	
Waste Management	2027	
Waste Management	R-WM-202-1	By chart method
Waste Management	R-WM-202-2	By chart method
Waste Management	R-WM-202-3	By chart method
Waste Management	R-WM-202-6	By chart method
Waste Management	R-WM-202-7	By chart method
Waste Management	R-WM-202-8	By chart method
Waste Management	PD-150	By chart method
Waste Management	PD-151	By chart method
Waste Management	PD-152	By chart method
Waste Management	PD-153	By chart method
Waste Management	PD-154	By chart method
Waste Management	PD-155	By chart method



SYSTEM Blowdown Piping CALC# 0001 SA ISO# B-136-1 : 1062 REV. 1 DATE 10/11/76
 SAFETY CLASS B31.7 CL. REV. B-136-2 2 of 2 1 DATE 10/11/76
 DATED 9/29/77

DESIGN DOCUMENTS				SEISMIC ANALYSIS INPUT INFORMATION	REMARKS
TITLE	ID. NO.	REV	DATE		
LINE LIST	DWG. 3509-B-128	3	10/6/75	SEISMIC CLASSIFICATION LINE SIZE PIPE WALL THICKNESS PIPE MATERIAL CODE INSULATION THICKNESS	
PIPING LAYOUT DRAWING	DWG. 3509-G-136	7	2/1/77	PIPING RUN GEOMETRY VALVE LOCATIONS	

SUBJECT LIST OF DESIGN DOCUMENTS FOR STRESS ANALYSIS

PROJECT ST. LUCIE UNIT NO. 1

CLIENT FLORIDA POWER & LIGHT COMPANY

CHKD. BY SK DATE 8/15/77

BY SK DATE 5/15/77

NEW YORK

SHEET OF
 DEPT. 600
 OFF NO. 5822.196



SYSTEM Blowdown Piping CALC# 0002 SA ISO# B-136-3 ^{Sheet} 1 of 2 REV. 1 DATE 9/24/76
 SAFETY CLASS B31.7 CL. II REV. B-136-4 ^{Sheet} 1 of 2 DATE 10/6/74
 DATED 9/30/77

BY CS DATE 8/15/79 NEW YORK SHEET OF
 CHKD. BY CH DATE 8/15/79
 CLIENT FLORIDA POWER & LIGHT COMPANY OFFS. NO. 5822.196 DEPT. NO. 600
 PROJECT ST. LUCIE UNIT NO. 1
 SUBJECT LIST OF DESIGN DOCUMENTS FOR STRESS ANALYSIS

DESIGN DOCUMENTS				SEISMIC ANALYSIS INPUT INFORMATION	REMARKS
TITLE	ID. NO.	REV	DATE		
LINE LIST	DWG. 3509-B-128	3	10/6/75	SEISMIC CLASSIFICATION LINE SIZE PIPE WALL THICKNESS PIPE MATERIAL CODE INSULATION THICKNESS	
PIPING LAYOUT DRAWING	DWG. 3509-C-138	2	2/1/77	PIPING RUN GEOMETRY VALVE LOCATIONS	

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OFFS NO. 5822.196 NO. _____

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DATE 8/8/79

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FLORIDA POWER & LIGHT COMPANY

PROJECT

ST. LUCIE UNIT NO. 1

SUBJECT:

LIST OF DESIGN DOCUMENTS FOR STRESS ANALYSIS

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DATE 8/7/17

OFF NO. 2024-120

DEPT. NO. 1

ПОДПИСЬ И ПЕЧАТЬ С УДОЛОВОЖЕНИЕМ

PROJECT ST. LUCIE UNIT NO. 1

SUBJECT LIST OF DESIGN DOCUMENTS FOR STRESS ANALYSIS

FORM 881 REV 7-78

SYSTEM <u>Condensate Piping</u> CALCD <u>914</u> SA ISO# <u>C-153-6</u> REV. <u>0</u> DATE <u>7/20/71</u>			
SAFETY CLASS <u>B31.7 CL. 3</u> REV. <u> </u> DATED <u>11/25/74</u>			
DESIGN DOCUMENTS			
TITLE	ID. NO.	REV	DATE
LINE LIST	DWG. 8770-B-052	5	12/15/75
PIPING LAYOUT DRAWING	DWG. 8770-G-153	8	4/6/78
SEISMIC ANALYSIS INPUT INFORMATION			
SEISMIC CLASSIFICATION LINE SIZE PIPE WALL THICKNESS PIPE MATERIAL CODE INSULATION THICKNESS			
PIPING RUN GEOMETRY VALVE LOCATIONS			
REMARKS			

SYSTEM Condensate Piping CALC# 915 SA, ISO# C-153-8 REV. 1 DATE 9/18/75
 SAFETY CLASS B31.7 CL. 3 REV. 4/27/72
 DATED 4/27/72

DESIGN DOCUMENTS				SEISMIC ANALYSIS INPUT INFORMATION	REMARKS
TITLE	ID. NO.	REV	DATE		
LINE LIST	DWG. 8770-B-052	5	12/15/75	SEISMIC CLASSIFICATION LINE SIZE PIPE WALL THICKNESS PIPE MATERIAL CODE INSULATION THICKNESS	
PIPING LAYOUT DRAWING	DWG. 8770-G-153	8	4/6/78	PIPING RUN GEOMETRY VALVE LOCATIONS	

SUBJECT LIST OF DESIGN DOCUMENTS FOR STRESS ANALYSIS

PROJECT ST. LUCIE UNIT NO. 1

CLIENT FLORIDA POWER & LIGHT COMPANY

BY CK DATE 8/19/79
 CHKD. BY CK DATE 8/19/79

NEW YORK

SHEET OF
 DEPT. 600
 OFF NO. 5822.196

SYSTEM Component Cooling CALC CHART SA, ISO R-CC-180-14 REV. 2 DATE 12/18/75
SAFETY CLASS B31.7 CL. III REV. _____
DATED 12/18/75

DESIGN DOCUMENTS				SEISMIC ANALYSIS INPUT INFORMATION	REMARKS
TITLE	ID. NO.	REV	DATE		
LINE LIST	DWG. 8770-B-052	5	12/15/75	SEISMIC CLASSIFICATION LINE SIZE PIPE WALL THICKNESS PIPE MATERIAL CODE INSULATION THICKNESS	
PIPING LAYOUT DRAWING	DWG. 8770-G-180 8770-G-181 Sht 1	4 3	12/10/73 12/10/73	PIPING RUN GEOMETRY VALVE LOCATIONS	

SUBJECT. LIST OF DESIGN DOCUMENTS FOR STRESS ANALYSIS

CLIENT FLORIDA POWER & LIGHT COMPANY
PROJECT ST. LUCIE UNIT NO. 1

BY _____ DATE _____
CHKD. BY _____ DATE _____
NEW YORK
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OFFS NO. 5622.196 DEPT. 600

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SUBJECT LIST OF DESIGN DOCUMENTS FOR STRESS ANALYSIS

PROJECT ST. LUCIE UNIT NO. 1

CLIENT FLORIDA... ... LIGHT COMPANY

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OFFS N. 5822.196 DEPT. 600
NO. _____

— OF SHEET —

DEPT. 500
NO. _____

DATE: 11-11-77

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FLORIDA POWER & LIGHT COMPANY

ST. LUCIE UNIT NO. 1

LIST OF DESIGN DOCUMENTS FOR STRESS ANALYSIS

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NEW YORK

SHEET OF

BY CE DATE 5/17/74
 CHKD. BY PH DATE 6/17/75

OFF NO. 5822-196 DEPT. NO. 600

CLIENT FLORIDA POWER & LIGHT COMPANY

PROJECT ST. LUCIE UNIT NO. 1

SUBJECT LIST OF DESIGN DOCUMENTS FOR STRESS ANALYSIS

SYSTEM <u>Component Cooling</u> CALC CHART SA ISO# <u>R-CC-180-a 6</u> REV. <u>a</u> DATE <u>11/16/75</u> SAFETY CLASS <u>B31.7 CL. III</u> REV. <u> </u> DATED <u>11/16/75</u>				SEISMIC ANALYSIS INPUT INFORMATION	REMARKS
DESIGN DOCUMENTS					
TITLE	ID. NO.	REV	DATE		
LINE LIST	DWG. 8770-B-052	5	12/15/75	SEISMIC CLASSIFICATION LINE SIZE PIPE WALL THICKNESS PIPE MATERIAL CODE INSULATION THICKNESS	
PIPING LAYOUT DRAWING	DWG. 8770-6-172 8770-6-173	7 7	6/5/75 6/5/75	PIPING RUN GEOMETRY VALVE LOCATIONS	

SYSTEM Component Cooling CALC/CHART SA ISO/R-CC-180-28 REV. 2 DATE 11/26/75

SAFETY CLASS **B31.7 CL. III** **REV.**

DATED

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DATE 8/17/00

NEW YORK

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CHKD. BY FMIS DATE 6/1/77

OFFS NO. 5822.196 DEPT. NO. 600

CLIENT FLORIDA POWER & LIGHT COMPANY

PROJECT SI. LUCIE UNIT NO. 1

SUBJECT LIST OF DESIGN DOCUMENTS FOR STRESS ANALYSIS

DESIGN DOCUMENTS				SEISMIC ANALYSIS INPUT INFORMATION	REMARKS
TITLE	ID. NO.	REV	DATE		
LINE LIST	DWG: 8770-B-052	5	12/15/75	SEISMIC CLASSIFICATION LINE SIZE PIPE WALL THICKNESS PIPE MATERIAL CODE INSULATION THICKNESS	
PIPING LAYOUT DRAWING	DWG. 8770-6-172 8770-6-173	7 7	6/5/75 6/5/75	PIPING RUN GEOMETRY VALVE LOCATIONS	

FORM 801 REV 7-79

BY (SBN) DATE 8/22/79
CHKD. BY PRD/ET DATE 8/24/79

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DEPT. 600
OFFS NO. 5822.196

EBASCO SERVICES INCORPORATED

CLIENT FLORIDA POWER & LIGHT COMPANY

PROJECT ST. LUCIE UNIT NO. 1

SUBJECT LIST OF DESIGN DOCUMENTS FOR STRESS ANALYSIS

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SYSTEM CHEM E/VOL. CONTROL CALC# 1111 SA. ISO# R-CH-195-1 REV. 2 DATE 5/19/79
 SAFETY CLASS B31.7 CL. II REV. 2 R-CH-195-3A 5/17/79
 DATED 05/21/79

DESIGN DOCUMENTS				SEISMIC ANALYSIS INPUT INFORMATION	REMARKS
TITLE	ID. NO.	REV	DATE		
LINE LIST	DWG. 8770-B-052 (CE PORTION)	10	3.8.76	SEISMIC CLASSIFICATION LINE SIZE PIPE WALL THICKNESS PIPE MATERIAL CODE INSULATION THICKNESS	
PIPING LAYOUT DRAWING	DWG. 8770-G-195 -196	5 4	2.27.74 12.10.73	PIPING RUN GEOMETRY VALVE LOCATIONS	

SUBJECT LIST OF DESIGN DOCUMENTS FOR STRESS ANALYSIS

PROJECT ST. LUCIE UNIT NO. 1

CLIENT FLORIDA POWER & LIGHT COMPANY

CHKD. BY BR DATE 5/22/79BY P K DEY DATE 8/22/79

NEW YORK

SHEET 5822.196 OF 600DEPT. 600

EBASCO SERVICES INCORPORATED
NEW YORK

BY P.K. Dwyer DATE 8/16/79 SHEET _____ OF _____
CHKD. BY WCV DATE 8/16/79 OPS NO. 5822.196 DEPT. NO. 600
CLIENT FLORIDA POWER & LIGHT COMPANY
PROJECT ST. LUCIE UNIT NO. 1
SUBJECT LIST OF DESIGN DOCUMENTS FOR STRESS ANALYSIS



SYSTEM <u>CHEM & VOL. CONTROL</u> CALC# <u>2</u> SA. ISO# <u>CH-205-1</u> REV. <u>3</u> DATE <u>7-21-76</u>				
SAFETY CLASS <u>B31.7 CL. II</u> REV. <u>sch. 1, 2, 3 of 3</u>				
DATED <u>10/23/1975</u>				
DESIGN DOCUMENTS			SEISMIC ANALYSIS INPUT INFORMATION	REMARKS
TITLE	ID. NO.	REV. DATE		
LINE LIST	DWG. 8770-B-052 (CF Portion)	10 3/8/76	SEISMIC CLASSIFICATION LINE SIZE PIPE WALL THICKNESS PIPE MATERIAL CODE INSULATION THICKNESS	
PIPING LAYOUT DRAWING	DWG. 8770-G-205	5 12.10.75	PIPING RUN GEOMETRY VALVE LOCATIONS	

SUBJECT LIST OF DESIGN DOCUMENTS FOR STRESS ANALYSIS

PROJECT ST. LUCIE UNIT NO. 1

CLIENT FLORIDA POWER & LIGHT COMPANY

CHKD. BY ESD DATE 8/16/77BY MLB DATE 8/16/77

NEW YORK

OPS NO. 5822.196 SHEET 600 OF 600

DEPT. NO.



FORM 881 REV 7-71

SYSTEM CHEM & VOL. CONTROL CALC# 3 : SA ISO# CH-205-2 REV. 3 DATE 2/25/76
SAFETY CLASS B31.7 CL. II REV. 0 CH-205-2A 2/19/78
DATED 1/28/78

DESIGN DOCUMENTS				SEISMIC ANALYSIS INPUT INFORMATION	REMARKS
TITLE	ID. NO.	REV	DATE		
LINE LIST	DWG. 8770-B-052 (CE PORTION)	9	1/12/76	SEISMIC CLASSIFICATION LINE SIZE PIPE WALL THICKNESS PIPE MATERIAL CODE INSULATION THICKNESS	
PIPING LAYOUT DRAWING	DWG. 8770-G-205	5	12.10.73	PIPING RUN GEOMETRY VALVE LOCATIONS	

SUBJECT LIST OF DESIGN DOCUMENTS FOR STRESS ANALYSIS

PROJECT ST. LUCIE UNIT NO. 1

CLIENT FLORIDA POWER & LIGHT COMPANY

CHKD. BY ES DATE 8/16/75
DATE 8/16/79

BY P.K. DER DATE 8/16/75

SHEET OF
DEPT. NO. 600
OFFS NO. 5622.196

NEW YORK
LUCIE INCORPORATED

SYSTEM <u>CHEMICAL CONTROL</u> CALCH <u>1021</u> SA. ISON <u>CH-205-6</u> REV. <u>0</u> DATE <u>6/6/72</u>			
SAFETY CLASS <u>B31.7 CL. II</u> REV. <u>06/21/72</u>			
DESIGN DOCUMENTS			
TITLE	ID. NO.	REV	DATE
LINE LIST	DWG. 8770-B-052 (CE PORTION)	2	12/4/72
PIPING LAYOUT DRAWING	DWG. 8770G-205	4	8/30/72
SEISMIC ANALYSIS INPUT INFORMATION			
SEISMIC CLASSIFICATION LINE SIZE PIPE WALL THICKNESS PIPE MATERIAL CODE INSULATION THICKNESS			
PIPING RUN GEOMETRY VALVE LOCATIONS			
REMARKS			

SUBJECT LIST OF DESIGN DOCUMENTS FOR STRESS ANALYSIS

PROJECT ST. LUCIE UNIT NO. 1

CLIENT FLORIDA POWER & LIGHT COMPANY

CHKD. BY 870 DATE 6/16/79OFF NO. 5822.196DEPT. NO. 600BY PA 1041 DATE 6/16/77

NEW YORK

SHEET OF

EBASCO SERVICES INCORPORATED

SYSTEM CHEM & VOL. CONTROL CALCD 2021 SA. ISO# CH-206-1 REV. 1 DATE 2/10/78
SAFETY CLASS B31.7 CL. III REV. CH-206-2 1 2/10/78
DATED 2. 10. 78

SUBJECT LIST OF DESIGN DOCUMENTS FOR SIKES ANALYSIS

PROJECT SL. LUCIE UNIT NO. 1

CLIENT FLORIDA POWER & LIGHT COMPANY

CHKD. BY _____ DATE _____

BY _____ DATE _____

NEW YORK

OFFS NO. 2022-170 NO. 000

DEPT. 600
NO. _____

DESIGN DOCUMENTS				SEISMIC ANALYSIS INPUT INFORMATION	REMARKS
TITLE	ID. NO.	REV	DATE		
LINE LIST	DWG. 8770-B-052 (CE PORTION)	10	3.8.76	SEISMIC CLASSIFICATION LINE SIZE PIPE WALL THICKNESS PIPE MATERIAL CODE INSULATION THICKNESS	
PIPING LAYOUT DRAWING	DWG. BCS-39-2301	0	1.17.78	PIPING RUN GEOMETRY VALVE LOCATIONS	



SYSTEM <u>CH/RC</u>		CALC# <u>3900001</u>		SA ISO# <u>390001-002</u>		REV. <u>1</u>		DATE <u>6/9/75</u>	
SAFETY CLASS <u>B31.7 CL. I</u>		REV. <u> </u>		DATED <u>4/18/74</u>					
Dynamic Analysis									
DESIGN DOCUMENTS				SEISMIC ANALYSIS INPUT INFORMATION			REMARKS		
TITLE	ID. NO.	REV	DATE						
LINE LIST	DWG. 8770-B-052 CE Portion	3	3/18/75	SEISMIC CLASSIFICATION LINE SIZE PIPE WALL THICKNESS PIPE MATERIAL CODE INSULATION THICKNESS					
PIPING LAYOUT DRAWING	DWG. 8770-6-212	2	12/16/73	PIPING RUN GEOMETRY VALVE LOCATIONS					

SUBJECT LIST OF DESIGN DOCUMENTS FOR STRESS ANALYSISPROJECT ST. LUCIE UNIT NO. 1CLIENT FLORIDA POWER & LIGHT COMPANYCHKD. BY W.D.E. DATE 5/16/75OFF NO. 5622.196SHEET OF DEPT. NO. 500

DATE 8/16/79

CHKD. BY FD-1 DATE 5/16/21

OFFS NO. 5822.196 NO. 600

CLIENT FLORIDA POWER & LIGHT COMPANY

PROJECT ST. LUCIE UNIT NO. 1

SUBJECT LIST OF DESIGN DOCUMENTS FOR STRESS ANALYSIS

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SYSTEM RC/CH CALC# 3900001 SA ISO# 3900001-004 REV. 2 DATE 6/13/75
SAFETY CLASS B31.7 CL. I, II REV. _____
DATED 4/18/74

DESIGN DOCUMENTS				SEISMIC ANALYSIS INPUT INFORMATION	REMARKS
TITLE	ID, NO.	REV	DATE		
LINE LIST	DWG. 8770-B-052 C E Portion	3	3/18/75	SEISMIC CLASSIFICATION LINE SIZE PIPE WALL THICKNESS PIPE MATERIAL CODE INSULATION THICKNESS	
PIPING LAYOUT DRAWING	DWG. 8770-G-21a	a	12/10/73	PIPING RUN GEOMETRY VALVE LOCATIONS	

SUBJECT LIST OF DESIGN DOCUMENTS FOR STRESS ANALYSIS

PROJECT ST. LUCIE UNIT NO. 1

CLIENT FLORIDA POWER & LIGHT COMPANY

BY SEN DATE 8/16/79
CHKD. BY J.J.E DATE 8/16/79

BY (s/n) DATE 8/16/79

NEW YORK

SHEET _____ OF _____
DEPT. 500
OFFS NO. 5622.196 NO. _____

SYSTEM CHEM & VOL. CONTROL CALC CHART SA. ISO# R-CH-195-1A REV. 0 DATE 5.17.79
SAFETY CLASS B31.7 CL. II REV. _____
DATED 5.17.79

DESIGN DOCUMENTS				SEISMIC ANALYSIS INPUT INFORMATION	REMARKS
TITLE	ID. NO.	REV	DATE		
LINE LIST	DWG. 8770-B-052 (CE PORTION)	10	3.8.76	SEISMIC CLASSIFICATION LINE SIZE PIPE WALL THICKNESS PIPE MATERIAL CODE INSULATION THICKNESS	
PIPING LAYOUT DRAWING	DWG. WM-P-3 CH-G-2 CH-G-3	15 18 29	7.21.77 3.17.76 3.17.76	PIPING RUN GEOMETRY VALVE LOCATIONS	

SUBJECT LIST OF DESIGN DOCUMENTS FOR STRESS ANALYSIS

PROJECT ST. LUCIE UNIT NO. 1

CLIENT FLORIDA POWER & LIGHT COMPANY

CHKD. BY SL DATE 7/10/77

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BY _____ DATE 8.21.77

NEW YORK

OFFS NO. 5822.196 NO. 600

SHEET _____ OF _____



SYSTEM CHEM & VOL. CONTROL CALC CHART SA. ISO# R-CH-195-2 REV. 0 DATE 6.14.72
SAFETY CLASS B31.7 CL. II REV. _____
DATED 6.14.72

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SUBJECT LIST OF DESIGN DOCUMENTS FOR STRESS ANALYSIS

PROJECT ST. LUCIE UNIT NO. 1

CLIENT FLORIDA POWER & LIGHT COMPANY

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DATE 8/22/99 BY ACB

NEW YORK

SHEET _____ OF _____
DEPT. 600
OFFS. NO. 5322.196 NO. _____

SYSTEM CHEM & VOL. CONTROL CALC CHART: SA. ISOM R-CH-195-3 REV. 2 DATE 5/18/79
SAFETY CLASS B31.7 CL. II REV. METHOD
DATED 5.8.79

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SUBJECT LIST OF DESIGN DOCUMENTS FOR STRESS ANALYSIS

PROJECT ST. LUCIE UNIT NO. 1

CLIENT FLORIDA POWER & LIGHT COMPANY

CHKD. BY 1011 DATE 8/10/77

OFFS NO. 5822.196 DEF. NO. 600

BY 10-1-77 DATE 10-1-77

NEW YORK

EBASCO SERVICES INCORPORATED

SHEET _____ OF _____

SYSTEM DIESEL OIL		CALC# 1091	SA. ISO# D0-169 -1	REV. 0	DATE 27.73
SAFETY CLASS B31.7 CL. III		REV.			
		DATED 03.02.73			
DESIGN DOCUMENTS				SEISMIC ANALYSIS INPUT INFORMATION	REMARKS
TITLE	ID. NO.	REV	DATE		
LINE LIST	DWG. 8770-B-052	5	12.15.75	SEISMIC CLASSIFICATION LINE SIZE PIPE WALL THICKNESS PIPE MATERIAL CODE INSULATION THICKNESS	
PIPING LAYOUT DRAWING	DWG. 8770-G-169	1	12.10.73	PIPING RUN GEOMETRY VALVE LOCATIONS	

SUBJECT LIST OF DESIGN DOCUMENTS FOR STRESS ANALYSIS

PROJECT ST. LUCIE UNIT NO. 1

CLIENT FLORIDA POWER & LIGHT COMPANY

CHRG. BY WJ DATE 11/1
OFIS NO. 100-100000 NO. 100-100000

CHRG. BY 55 DATE 11, 1961
OFF. NO. 5822-196 DEF. NO. 600

BY P. K. DEY DATE 01/16/1997 NEW YORK

SHEET OF

EBASCO SERVICES INCORPORATED
C/11/65

SYSTEM CIRCULATING WATER 963 SA, ISO R-SK-171-1 REV. 1 DATE 1/5/72
 SAFETY CLASS B31.7 CL. III REV. R-SK-171-2 1 1/5/72
 DATED 11/22/68

DESIGN DOCUMENTS				SEISMIC ANALYSIS INPUT INFORMATION	REMARKS
TITLE	ID. NO.	REV.	DATE		
LINE LIST	DWG. 8770-B-052	5	12.15.75	SEISMIC CLASSIFICATION LINE SIZE PIPE WALL THICKNESS PIPE MATERIAL CODE INSULATION THICKNESS	
PIPING LAYOUT DRAWING	DWG. 8770-G-171 8770-G-173 8770-G-082	5 7 9	6.5.75 6.5.75 1.9.76	PIPING RUN GEOMETRY VALVE LOCATIONS	

SUBJECT LIST OF DESIGN DOCUMENTS FOR STRESS ANALYSIS

PROJECT ST. LUCIE UNIT NO. 1

CLIENT FLORIDA POWER & LIGHT COMPANY

CHKD. BY (Signature) DATE 2/16/72

OPS NO. 5822-196 SHEET 600 OF 600

BY PRICH DATE 2/16/72 EBASCO SERVICES INCORPORATED
NEW YORK



SYSTEM CIRCULATING WATER CALC# 964 SA ISO# R-SK-171-3 REV. 2 DATE 8/17/77
 SAFETY CLASS B31.7 CL. III REV. (SH 1. OF 2)
 DATED 8/19/77 (SH. 2 OF 2)

DESIGN DOCUMENTS				SEISMIC ANALYSIS INPUT INFORMATION	REMARKS
TITLE	ID. NO.	REV	DATE		
LINE LIST	DWG. 8770-B-052	5	12.15.75	SEISMIC CLASSIFICATION LINE SIZE PIPE WALL THICKNESS PIPE MATERIAL CODE INSULATION THICKNESS	
PIPING LAYOUT DRAWING	DWG. 8770-G-171	5	6.5.75	PIPING RUN GEOMETRY VALVE LOCATIONS.	

PROJECT ST. LUCIE UNIT NO. 1
 SUBJECT LIST OF DESIGN DOCUMENTS FOR STRESS ANALYSIS

CLIENT FLORIDA POWER & LIGHT COMPANY

CHKD. BY JS DATE 8/16/79

OFFS NO. 5822.196

BY PRDEY

DATE 8/16/79

NEW YORK

SHEET OF

DEPT.
NO.

EBASCO SERVICES INCORPORATED

SYSTEM CIRCULATING WATER PIPING 998 SA ISO# R-SK-172-6 REV. 1 DATE 12.18.75
SAFETY CLASS B31.7 CL. III REV. 1 R-SK-172-7 1 12.18.75
DATED 12.18.75

DESIGN DOCUMENTS				SEISMIC ANALYSIS INPUT INFORMATION	REMARKS
TITLE	ID. NO.	REV	DATE		
LINE LIST	DWG. 8770-B-052	5	12.15.75	SEISMIC CLASSIFICATION LINE SIZE PIPE WALL THICKNESS PIPE MATERIAL CODE INSULATION THICKNESS	
PIPING LAYOUT DRAWING	DWG. 8770-G-172 -173	7 7	6.5.75 6.5.75	PIPING RUN GEOMETRY VALVE LOCATIONS	

SUBJECT LIST OF DESIGN DOCUMENTS FOR STRESS ANALYSIS

PROJECT ST. LUCIE UNIT NO. 1

CLIENT FLORIDA POWER & LIGHT COMPANY

CHKD. BY 1877 DATE

DATE 5-16-73

OFFS NO. 5822.196 SER. NO. 1

BY P.K. DEY DATE 8/16/79

NEW YORK

EBASCO SERVICES INCORPORATED

SHEET — OF

SYSTEM <u>CIRCULATING WATER PIPING</u> CALCD <u>999</u> SA, ISO# <u>R-SK-172-8</u> REV. <u>1</u> DATE <u>11/13/75</u>			
SAFETY CLASS <u>R31.7 CL. III</u> REV. <u>1</u> DATED <u>9/29/77</u> <u>R-SK-172-9</u> <u>11/18/75</u> <u>R-SK-172-10</u> <u>10/13/75</u>			
DESIGN DOCUMENTS			
TITLE	ID. NO.	REV	DATE
LINE LIST	DWG. 8770-B-052	5	12.15.75
PIPING LAYOUT DRAWING	DWG. 8770-G-172 8770-G-173	7 7	6.5.75 6.5.75
AS-BUILT RESTRAINT LOCATION SKETCH	CW-F-5	12	11.10.75
SEISMIC ANALYSIS INPUT INFORMATION			
SEISMIC CLASSIFICATION LINE SIZE PIPE WALL THICKNESS PIPE MATERIAL CODE INSULATION THICKNESS			
PIPING RUN GEOMETRY VALVE LOCATIONS			
AS-BUILT RESTRAINT LOCATION & FUNCTION			
REMARKS			

SUBJECT LIST OF DESIGN DOCUMENTS FOR STRESS ANALYSIS

PROJECT ST. LUCIE UNIT NO. 1

CLIENT FLORIDA POWER & LIGHT COMPANY

CHKD. BY CE DATE 5/16/75OFFS NO. 5322.196BY P. K. DEY DATE 8/16/79

NEW YORK

SHEET OF DEPT. 600

EBASCO SERVICES INCORPORATED

SYSTEM CIRCULATING WATER PIPING CALCD 1000 SA, ISO R-SK-172-11 REV. 2 DATE 6/14/79
 SAFETY CLASS R31.7 CL. III REV. _____ DATED 6/14/79

DESIGN DOCUMENTS				SEISMIC ANALYSIS INPUT INFORMATION	REMARKS
TITLE	ID. NO.	REV	DATE		
LINE LIST	DWG. 8770-B-052	5	12.15.75	SEISMIC CLASSIFICATION LINE SIZE PIPE WALL THICKNESS PIPE MATERIAL CODE INSULATION THICKNESS	
PIPING LAYOUT DRAWING	DWG. 8770-G-172 8770-G-173	7 7	6.5.75 6.5.75	PIPING RUN GEOMETRY VALVE LOCATIONS	
AS-BUILT RESTRAINT LOCATION SKETCH	CW-F-3	11	5/21/76	AS-BUILT RESTRAINT LOCATION & FUNCTION	

SUBJECT LIST OF DESIGN DOCUMENTS FOR STRESS ANALYSIS

PROJECT ST. LUCIE UNIT NO. 1

CLIENT FLORIDA POWER & LIGHT COMPANY

CHKD. BY _____ DATE _____

OFFS. NO. 5822.196

BY P. R. DEY DATE _____

NEW YORK

EBASCO SERVICES INCORPORATED

SHEET _____ OF _____

DEPT. 600

SYSTEM CIRCULATING WATER PIPING CALCH 1001 SA, ISO R-SK-172-12 REV. 3 DATE 6/14/79
 SAFETY CLASS R31.7 CL. III REV. _____ DATED 6/14/79

DESIGN DOCUMENTS				SEISMIC ANALYSIS INPUT INFORMATION	REMARKS
TITLE	ID. NO.	REV	DATE		
LINE LIST	DWG. 8770-B-052	5	12.15.75	SEISMIC CLASSIFICATION LINE SIZE PIPE WALL THICKNESS PIPE MATERIAL CODE INSULATION THICKNESS	
PIPING LAYOUT DRAWING	DWG. 8770-G-172	7	6.5.75	PIPING RUN GEOMETRY VALVE LOCATIONS	
	8770-G-173	7	6.5.75		
AS-BUILT RESTRAINT LOCATION SKETCH	CW-F-3	11	5/21/76	AS-BUILT RESTRAINT LOCATION & FUNCTION	

SUBJECT LIST OF DESIGN DOCUMENTS FOR STRESS ANALYSIS

PROJECT ST. LUCIE UNIT NO. 1

CLIENT FLORIDA POWER & LIGHT COMPANY

CHKD. BY _____ DATE _____

SHEET _____ OF _____
 DEPT. 600
 OPS NO. 3822.196

BY PADEY DATE 8/16/79 EBASCO SERVICES INCORPORATED
 NEW YORK

SYSTEM <u>CIRCULATING WATER PIPING</u> CALC <u>2003</u> SA, ISO <u>CW-F-13</u> REV. <u>0</u> DATE <u>11/15/77</u>			
SAFETY CLASS <u>B31.7 CL. III</u> REV. <u>11/14/77</u>			
DESIGN DOCUMENTS			
TITLE	ID. NO.	REV	DATE
LINE LIST	DWG. 8770-B-052	5	12.15.75
PIPING EXCUT - PENDING ISOMETRIC	DWG. CW-F-13	3	11/10/78
SEISMIC ANALYSIS INPUT INFORMATION			
SEISMIC CLASSIFICATION LINE SIZE PIPE WALL THICKNESS PIPE MATERIAL CODE INSULATION THICKNESS			
PIPING RUN GEOMETRY VALVE LOCATIONS			
REMARKS			

SUBJECT LIST OF DESIGN DOCUMENTS FOR STRESS ANALYSIS

PROJECT ST. LUCIE UNIT NO. 1

CLIENT FLORIDA POWER & LIGHT COMPANY

CHRG. BY JES DATE 11/15/77BY JES DATE 11/16/77

NEW YORK

OPS NO. 5822.196

SHEET OF DEPT. 600



SYSTEM CIRCULATING WATER SYSTEM CALC# CHART SA, ISO# R-SK-172-13 REV. 0 DATE 12.11.74
SAFETY CLASS B31.7 CL. III REV. _____
DATED 12.11.74

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SUBJECT LIST OF DESIGN DOCUMENTS FOR STRESS ANALYSIS

PROJECT ST. LUCIE UNIT NO. 1

CLIENT **FLORIDA POWER & LIGHT COMPANY**

CHRG. BY DATE 01/24/88

DEPT. NO. 600
OFFS NO. 5822.196

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EBASCO SERVICES INCORPORATED

SYSTEM CIRCULATING WATER SYSTEM CALC CHART SA. ISO# R-SK-172-14 REV. 0 DATE 12.11.74
SAFETY CLASS B31.7 CL. III REV. _____
DATED 12.11.74

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SUBJECT LIST OF DESIGN DOCUMENTS FOR STRESS ANALYSIS

PROJECT ST. LUCIE UNIT NO. 1

CLIENT **FLORIDA POWER & LIGHT COMPANY**

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SYSTEM CIRCULATING WATER SYSTEM CALC. CHARIT SA. ISO R-SK-172-15 REV. 0 DATE 12.11.74
SAFETY CLASS B31.7 CL. III REV. _____
DATED 12.11.74

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PROJECT ST. LUCIE UNIT NO. 1
SUBJECT LIST OF DESIGN DOCUMENTS FOR STRESS ANALYSIS

CLIENT **FLORIDA POWER & LIGHT COMPANY**

CHRG. BY 87 DATE 8/28/75

Dr. FNUB

DATE 012417

EBASCO SERVICES INCORPORATED
NEW YORK

OFFS NO. 5822-196 NO. 600

DEPT. 600
NO. _____

SYSTEM CIRCULATING WATER SYSTEM CALGARY, ALTA. CHART. SA. ISO# R-SK-172-17 REV. 0 DATE 12.11.74
SAFETY CLASS B31.7 CL. III REV. _____
DATED 12.11.74

DESIGN DOCUMENTS				SEISMIC ANALYSIS INPUT INFORMATION	REMARKS
TITLE	ID. NO.	REV	DATE		
LINE LIST	DWG. 8770-B-052	5	12.15.75	SEISMIC CLASSIFICATION LINE SIZE PIPE WALL THICKNESS PIPE MATERIAL CODE INSULATION THICKNESS	
PIPING LAYOUT DRAWING	DWG. 8770-G-172 -173	7 7	6.5.75 6.5.75	PIPING RUN GEOMETRY VALVE LOCATIONS	

SUBJECT LIST OF DESIGN DOCUMENTS FOR STRESS ANALYSIS

PROJECT ST. LUCIE UNIT NO. 1

CLIENT FLORIDA POWER & LIGHT COMPANY

CHRG. BY DATE 2-4-77

OFF NO. 5822.196 DEPT. NO. 600

Dr. P. K. DEY

DATE 8/28/79

NEW YORK

EBASCO SERVICES INCORPORATED

SHEET 1 OF 1

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SYSTEM HVAC CALC# 2314 SA ISO# HVAC-2 REV. 3 DATE 5/30/79
SAFETY CLASS B31.7 CL. II REV.
DATED 5/29/79

DESIGN DOCUMENTS				SEISMIC ANALYSIS INPUT INFORMATION	REMARKS
TITLE	ID. NO.	REV	DATE		
LINE LIST	DWG. 8770-B-052	5	12.15.75	SEISMIC CLASSIFICATION LINE SIZE PIPE WALL THICKNESS PIPE MATERIAL CODE INSULATION THICKNESS	
AS-BUILT RESTRAINT LOCATION SKETCH	3" - CV - 1	4	5/29/79	AS-BUILT RESTRAINT LOCATION & FUNCTION PIPING RUN GEOMETRY VALVE LOCATIONS	

SUBJECT LIST OF DESIGN DOCUMENTS FOR STRESS ANALYSIS

PROJECT ST. LUCIE UNIT NO. 1

CLIENT FLORIDA POWER & LIGHT COMPANY

CMKD. BY (signature) DATE 7/16

BY P. K. Davis DATE 2/16/74

NEW YORK

EBASCO SERVICES INCORPORATED

DEPT. NO. 600
OPS NO. 5822.196

SHEET — of

SYSTEM <u>HVAC</u>		CALC# <u>2315</u>		SA ISO# <u>HVAC-2</u>		REV. <u>3</u>		DATE <u>5/30/79</u>	
SAFETY CLASS <u>R31.7 CL. II</u>		REV. <u>5/29/79</u>		DATED <u>5/29/79</u>					
DESIGN DOCUMENTS				SEISMIC ANALYSIS INPUT INFORMATION			REMARKS		
TITLE	ID. NO.	REV	DATE						
LINE LIST	DWG. 8770-B-052	5	12-15-79	SEISMIC CLASSIFICATION LINE SIZE PIPE WALL THICKNESS PIPE MATERIAL CODE INSULATION THICKNESS					
AS-BUILT RESTRAINT LOCATION SKETCH	3"-CV-11	4	5/29/79	AS-BUILT RESTRAINT LOCATION & FUNCTION PIPING RUN GEOMETRY VALVE LOCATIONS					

SUBJECT LIST OF DESIGN DOCUMENTS FOR STRESS ANALYSIS

PROJECT ST. LUCIE UNIT NO. 1

CLIENT FLORIDA POWER & LIGHT COMPANY

CMKD. BY PS DATE 5/16/79OPS NO. 3822.196BY PS DATE 5/16/79

NEW YORK

SHEET OF DEPT. 600

EBASCO SERVICES INCORPORATED

BY AS DATE 3/2/76

NEW YORK

SHEET OF

CHKD. BY GL DATE 3/2/76

DEPT. NO. 600

CLIENT FLORIDA POWER & LIGHT COMPANY

PROJECT ST. LUCIE UNIT NO. 1

SUBJECT LIST OF DESIGN DOCUMENTS FOR STRESS ANALYSIS

SYSTEM <u>Main Stream</u> CALC# <u>548</u> SA. ISO# <u>MS-147-1</u> REV: <u>3</u> DATE <u>1/22/76</u>			
SAFETY CLASS <u>B31.7 CL. 2</u> REV. <u> </u> DATED <u>1/22/76</u>			
DESIGN DOCUMENTS			
TITLE	ID. NO.	REV	DATE
LINE LIST	DWG. 8770-B-052	5	12/15/75
SEISMIC ANALYSIS INPUT INFORMATION			
SEISMIC CLASSIFICATION LINE SIZE PIPE WALL THICKNESS PIPE MATERIAL CODE INSULATION THICKNESS			
PIPING LAYOUT DRAWING	DWG. 8770-G-147	5	12/10/73
PIPING RUN GEOMETRY VALVE LOCATIONS			
REMARKS			

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PROJECT ST. LUCIE UNIT NO. 1

CLIENT **FLORIDA POWER & LIGHT COMPANY**

CHKD. BY 21 DATE 2-2-77
OFS NO. 5822.196 NO. 600

BY Don DATE 8/8/79

NEW YORK

EBASCO SERVICES INCORPORATED

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MS-149-1,2

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9/14/71

SYSTEM Main Stream CALC# 649 : SA ISO# MS-148-1 REV. 3 DATE 5/10/75
 SAFETY CLASS B31.1 CL. 2 REV. MS-148-2, 3, 4, 5, 7 2 9/14/71
 (Seismically analyzed) DATED 5/13/75 MS-148-6 2 11/2/71
MS-148-9 2 9/16/71

DESIGN DOCUMENTS				SEISMIC ANALYSIS INPUT INFORMATION	REMARKS
TITLE	ID. NO.	REV	DATE		
LINE LIST	DWG. 8770-B-052	5	12/15/75	SEISMIC CLASSIFICATION LINE SIZE PIPE WALL THICKNESS PIPE MATERIAL CODE INSULATION THICKNESS	
PIPING LAYOUT DRAWING	DWG. 8770-G-148	7	10/16/74	PIPING RUN GEOMETRY VALVE LOCATIONS	

SUBJECT LIST OF DESIGN DOCUMENTS FOR STRESS ANALYSIS

PROJECT ST. LUCIE UNIT NO. 1

CLIENT FLORIDA POWER & LIGHT COMPANY

CHKD. BY E.K. DATE 8/15/71BY (Signature) DATE 5/15/75

NEW YORK

SHEET 5822.195 OF 600DEPT. NO. 600

SYSTEM <u>Miscellaneous Piping</u> CALC# <u>200</u> SA ISO# <u>MIS-200-1</u> Part I				REV. <u>3</u>	DATE <u>2/22/78</u>
SAFETY CLASS <u>B31.7 CL. II, III</u> REV. _____				DATED <u>11/13/75</u>	
DESIGN DOCUMENTS				SEISMIC ANALYSIS INPUT INFORMATION	REMARKS
TITLE	ID. NO.	REV	DATE		
LINE LIST	DWG. 8770-B-052	5	12/15/75	SEISMIC CLASSIFICATION LINE SIZE PIPE WALL THICKNESS PIPE MATERIAL CODE INSULATION THICKNESS	
PIPING LAYOUT DRAWING	DWG. 8770-6-212	2	12/10/73	PIPING RUN GEOMETRY VALVE LOCATIONS	

SUBJECT LIST OF DESIGN DOCUMENTS FOR STRESS ANALYSIS

PROJECT ST. LUCIE UNIT NO. 1

CLIENT FLORIDA POWER & LIGHT COMPANY

CHKD. BY W. J. Hines DATE 6/17/75BY W. J. Hines DATE 2/12/78

NEW YORK

OFFS NO. 5822.196

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DEPT. NO. 600

BY

DATE

NEW YORK

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CHKD. BY

DATE

OFS NO. 5822.196

DEPT. NO. 600

CLIENT

FLORIDA POWER & LIGHT COMPANY

PROJECT

ST. LUCIE UNIT NO. 1

SUBJECT

LIST OF DESIGN DOCUMENTS FOR STRESS ANALYSIS

SYSTEM Miscellaneous Piping CALC 201 : SA ISO# MIS-200-2 REV. 2 DATE 11/12/75SAFETY CLASS B31.7 CL. II, III REV. DATED 11/12/75

DESIGN DOCUMENTS

SEISMIC ANALYSIS
INPUT INFORMATION

REMARKS

TITLE

ID. NO.

REV

DATE

LINE LIST

DWG.
8770-B-052

5

12/15/75

SEISMIC CLASSIFICATION
LINE SIZE
PIPE WALL THICKNESS
PIPE MATERIAL CODE
INSULATION THICKNESSPIPING
LAYOUT DRAWINGDWG.
8770-6-a1a

2

12/10/73

PIPING RUN GEOMETRY
VALVE LOCATIONS



SYSTEM Miscellaneous CALC# 204 SA ISO# MIS-204-1 REV. 2 DATE 10/27/74
 SAFETY CLASS B31.7 CL. II REV. 1 MIS-204-2 10/29/75
 DATED 11/12/75

DESIGN DOCUMENTS				SEISMIC ANALYSIS INPUT INFORMATION	REMARKS
TITLE	ID. NO.	REV	DATE		
LINE LIST	DWG. 8770-B-052	5	12/15/75	SEISMIC CLASSIFICATION LINE SIZE PIPE WALL THICKNESS PIPE MATERIAL CODE INSULATION THICKNESS	
PIPING LAYOUT DRAWING	DWG. 8770-G-212	2	12/11/73	PIPING RUN GEOMETRY VALVE LOCATIONS	

SUBJECT LIST OF DESIGN DOCUMENTS FOR STRESS ANALYSIS

PROJECT ST. LUCIE UNIT NO. 1

CLIENT FLORIDA POWER & LIGHT COMPANY

BY John DATE 11/17/79
 CHKD. BY Mike DATE 11/17/79

NEW YORK

SHEET 5822.196 OF 500
 DEPT. NO.



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SUBJECT LIST OF DESIGN DOCUMENTS FOR STRESS ANALYSIS

PROJECT ST. LUCIE UNIT NO. 1

CLIENT FLORIDA POWER & LIGHT COMPANY

CHKD. BY AKD DATE 8/16/17

DATE 8/16/73

References

QPS NO. 5822.196 NO. 600

SHEET _____ OF _____

SYSTEM <u>WASTE MANAGEMENT</u> CALC# <u>2001</u>				SA ISO# <u>WM-201-1</u>	REV: <u>0</u>	DATE <u>10/25/77</u>
SAFETY CLASS <u>R31 7 CL. 22</u>				DATED <u>09/26/77</u>		
DESIGN DOCUMENTS				SEISMIC ANALYSIS INPUT INFORMATION		REMARKS
TITLE	ID. NO.	REV	DATE			
LINE LIST	DWG. 8770-B-052 (CE PORTION)	10	3.8.76	SEISMIC CLASSIFICATION LINE SIZE PIPE WALL THICKNESS PIPE MATERIAL CODE INSULATION THICKNESS		
AS-BUILT RESTRAINT LOCATION SKETCH	WM 307 WM-P-1	4 13	2.2.73 12.4.75	AS-BUILT RESTRAINT LOCATION & FUNCTION PIPING RUN GEOMETRY VALVE LOCATIONS		

SUBJECT LIST OF DESIGN DOCUMENTS FOR STRESS ANALYSIS

PROJECT ST. LUCIE UNIT NO. 1

CLIENT FLORIDA POWER & LIGHT COMPANY

CHKD. BY PKD DATE 8/16/77OFS NO. 5822.196BY PKD DATE 8/16/77 EBASCO SERVICES INCORPORATED
NEW YORKSHEET OF DEPT. NO. 600

SYSTEM WASTE MANAGEMENT CALC# 2027 SA ISO# R-WM-202-7A REV. 0 DATE 5.11.79
SAFETY CLASS B31.7 CL. III REV. _____
DATED 5/11/79

DESIGN DOCUMENTS				SEISMIC ANALYSIS INPUT INFORMATION	REMARKS
TITLE	ID. NO.	REV	DATE		
LINE LIST	DWG. 8770-B-052	10	3.8.76	SEISMIC CLASSIFICATION LINE SIZE PIPE WALL THICKNESS PIPE MATERIAL CODE INSULATION THICKNESS	
PIPING LAYOUT DRAWING	DWG. 8770-G-202 -201	3 3	5.10.74 5.10.74	PIPING RUN GEOMETRY VALVE LOCATIONS	

SUBJECT LIST OF DESIGN DOCUMENTS FOR STRESS ANALYSIS

Project ST. LUCIE UNIT NO. 1

CLIENT FLORIDA POWER & LIGHT COMPANY

CHKD. BY JS DATE 6-1-77

BY 1-10-68 DATE 1-10-68

NEW YORK

OFFS NO. 5822.196 DEPT. 600
NO. _____

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SYSTEM WASTE MANAGEMENT CALC METHOD SA. ISO# R-WM-202-1 REV. 2 DATE 5/10/79
SAFETY CLASS B31.7 CL. III REV.
DATED 5.10.79

 CHKD. BY _____ DATE _____

 OFF NO. _____ 1822.196

 DEPT. NO. _____ 600

 CLIENT _____ FLORIDA POWER & LIGHT COMPANY

 PROJECT _____ ST. LUCIE UNIT NO. 1

 SUBJECT _____ LIST OF DESIGN DOCUMENTS FOR STRESS ANALYSIS

CHART

SYSTEM WASTE MANAGEMENT CALC# METHOD SA ISO# R-WM-202-2 REV. 0 DATE 5/8/72

SAFETY CLASS **B31.7 CL. IV**

REV.

DATED 5/8/72

SUBJECT LIST OF DESIGN NO.

FOR STRESS ANALYSIS

Project ST. LOUIS BRIT. NO.

CLIENT FLORIDA POWER & LIGHT

CHKD. BY 10/15/77 DATE 10/15/77

BY FRANK M. L. DATE 11/17/1

NEW YORK:

OFFS NO. 2074.177 NO. 600

DEPT. 600
NO. _____

DESIGN DOCUMENTS				SEISMIC ANALYSIS INPUT INFORMATION	REMARKS
TITLE	ID. NO.	REV	DATE		
LINE LIST	DWG. 8770-B-052 (CE PORTION)	2	12.4.72	SEISMIC CLASSIFICATION LINE SIZE PIPE WALL THICKNESS PIPE MATERIAL CODE INSULATION THICKNESS	
PIPING LAYOUT DRAWING	DWG. 8770-G-202	3	5.10.74	PIPING RUN GEOMETRY VALVE LOCATIONS	

CHART

SYSTEM WASTE MANAGEMENT CALC/METHOD SA ISO# R-WM-202-3 REV. 1 DATE 3.11.76
SAFETY CLASS B31.7 CL. III REV. _____
DATED 3/11/76

DESIGN DOCUMENTS				SEISMIC ANALYSIS INPUT INFORMATION	REMARKS
TITLE	ID. NO.	REV	DATE		
LINE LIST	DWG. 8770-B-052 (CE PORTION)	10	3.8.76	SEISMIC CLASSIFICATION LINE SIZE PIPE WALL THICKNESS PIPE MATERIAL CODE INSULATION THICKNESS	
PIPING LAYOUT DRAWING	DWG. 8770-G-204 +202	3 3	5.10.74 5.10.74	PIPING RUN GEOMETRY VALVE LOCATIONS	

SUBJECT LIST OF DESIGN DOCUMENTS FOR STRESS ANALYSIS

PROJECT ST. LUCIE UNIT NO. 1

CLIENT FLORIDA POWER & LIGHT COMPANY

CHKD. BY _____ DATE _____

BY P.K. D. DATE 5/10/21

NEW YORK

OFFS NO. 5822.195 NO. 600

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CLIENT FLORIDA POWER & LIGHT COMPANY
PROJECT ST. LUCIE UNIT NO. 1
SUBJECT LIST OF DESIGN DOCUMENTS FOR STRESS ANALYSIS

DESIGN DOCUMENTS				SEISMIC ANALYSIS INPUT INFORMATION	REMARKS
TITLE	ID. NO.	REV	DATE		
LINE LIST	DWG. 8770-B-052 (CE PORTION)	2	12/4/72	SEISMIC CLASSIFICATION LINE SIZE PIPE WALL THICKNESS PIPE MATERIAL CODE INSULATION THICKNESS	
PIPING LAYOUT DRAWING	DWG. 8770-G-204 -202	3 3	5.10.74 5.10.74	PIPING RUN GEOMETRY VALVE LOCATIONS	



SAFETY CLASS 31.7 CL. *III* REV. _____
DATED 5.17.79

SUBJECT LIST OF DESIGN DOCUMENTS FOR STRESS ANALYSIS

PROJECT ST. LUCIE UNIT NO. 1

CLIENT FLORIDA POWER & LIGHT COMPANY

CHKD. BY DATE 7/10/53

BY PKL: DATE 11/10/71

NEW YORK

SHEET _____ OF _____
DEPT. _____
OFS NO. 5822.195 NO. 600

CHART

SYSTEM WASTE MANAGEMENT CALC METHOD SA ISO R-WM-202-8 REV. 0 DATE 6.1.72
 SAFETY CLASS B31.7 CL. III REV.
 DATED 6.1.72

DESIGN DOCUMENTS

SEISMIC ANALYSIS INPUT INFORMATION

REMARKS

TITLE

ID. NO.

REV

DATE

LINE LIST

DWG.
8770-B-052

(CE PORTION)

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SEISMIC CLASSIFICATION
LINE SIZE
PIPE WALL THICKNESS
PIPE MATERIAL CODE
INSULATION THICKNESS

PIPING
LAYOUT DRAWING

DWG.

8770-G-212

2

12.10.73

PIPING RUN GEOMETRY
VALVE LOCATIONS

SUBJECT LIST OF DESIGN DOCUMENTS FOR STRESS ANALYSIS

PROJECT ST. LUCIE UNIT NO. 1

CLIENT FLORIDA POWER & LIGHT COMPANY

CHECKED BY DATE 8/1/72

OFFS NO. 5822.196

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DEPT. NO. 600



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SYSTEM WASTE MANAGEMENT CALC CHART SA, ISO# PD-150 REV. 9 DATE 1-16-76
SAFETY CLASS B31.7 CL. III REV. _____
DATED 1. 16.76

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PROJECT ST. LUCIE UNIT NO. 1
SUBJECT LIST OF DESIGN DOCUMENTS FOR STRESS ANALYSIS

CUSTOMER FLORIDA POWER & LIGHT COMPANY

CHRG. BY 892 DATE 2/22/94

DEPT. 600
OFFS NO. 5822.196

Dr. P. K. DEY date 8.27.79

NEW YORK

EBASCO SERVICES INCORPORATED

SYSTEM WASTE MANAGEMENT CALC CHART SA, ISO1 PD-151 REV. 4 DATE 11.19.75
SAFETY CLASS B31.7 CL. 177 REV. _____
DATED 11.19.75

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SUBJECT LIST OF DESIGN DOCUMENTS FOR STRESS ANALYSIS

PROJECT ST. LUCIE UNIT NO. 1

CLIENT **FLORIDA POWER & LIGHT COMPANY**

CHRG. BY WJ DATE 8/17/17

OFF NO. 5822.196 SER. NO. 600

PR. DEY DATE 8.27.79

NEW YORK

EBASCO SERVICES INCORPORATED

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SYSTEM WASTE MANAGEMENT CALC CHART SA, ISO1 PD-152 REV. 6 DATE 12.23.75

SAFETY CLASS B31.7 CL. *III* **REV.**

DATED 12.23.75

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SUBJECT LIST OF DESIGN DOCUMENTS FOR STRESS ANALYSIS

PROJECT ST. LUCIE UNIT NO. 1

CLIENT **FLORIDA POWER & LIGHT COMPANY**

CHRG. BY (X) 720 DATE 8/27/79

CFS NO. 5822.196 DEPT. NO. 600

by P.K. DEY date 8.27.79

NEW YORK

EBASCO SERVICES INCORPORATED

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DEPT. NO. 600
OFF NO. 5822.196

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