
[illegible]

REV	DATE	DSGN	DRWN	CHKD	CE	CDE	DESCRIPTION
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  <p>FPL Energy Seabrook Station</p> </div> <div style="text-align: center;"> <p>SERVICE</p> <p>ENVIRONMENT CHART</p> </div> </div>							
<div style="display: flex; justify-content: space-between; align-items: center;"> <div></div> <div> <p>1-NHY-300219 SHEET 1 OF 5</p> </div> </div>							

BUILDING		MAIN STEAM & FEEDWATER PIPE CHASES																																												
AREA/ ELEVATION		WEST PIPE CHASE 3'-0"			WEST PIPE CHASE 12'-0"			WEST PIPE CHASE 28'-0"			WEST PIPE CHASE STARWELL 3'-0"			PERSONNEL ACCESS HATCH 27'-0"			EAST PIPE CHASE 3'-0"			EAST PIPE CHASE 12'-0"			EAST PIPE CHASE 28'-0"			PIPE TUNNEL 10'-0"		ELECTRICAL ROOM 3'-0"																		
ENVIRONMENTAL ZONE		PCW-1			PCW-2			PCW-3			PCW-4			PCW-5			PCE-1			PCE-2			PCE-3			PCE-4			PCE-5 (15)																	
CONDITION		NORMAL	1	ABNORMAL	2	ACCIDENT	3	NORMAL	1	ABNORMAL	2	ACCIDENT	3	NORMAL	1	ABNORMAL	2	ACCIDENT	3	NORMAL	1	ABNORMAL	2	ACCIDENT	3	NORMAL	1	ABNORMAL	2	ACCIDENT	3															
TEMPERATURE (°F)		130			208			450			130			208			450			130			208			450			130			243			450			104			104			130		
MINIMUM		0			0			0			0			0			0			0			0			0			0			0			0			0			0					
PRESSURE (PSIG)		SLIGHT POS			—			4.8			SLIGHT POS			—			4.8			SLIGHT POS			—			4.8			SLIGHT POS			—			4.8			SLIGHT NEG			—			0		
MAXIMUM		—			—			—			—			—			—			—			—			—			—			—			—			—			—					
NORMAL		—			—			—			—			—			—			—			—			—			—			—			—			—			—					
MINIMUM		—			—			—			—			—			—			—			—			—			—			—			—			—			—					
HUMIDITY (%)		30			—			100			30			—			100			30			—			100			30			—			100			30			—			30		
MAXIMUM		5			—			5			—			5			—			5			—			5			—			5			—			5			—			5		
MINIMUM		3			—			3			—			3			—			3			—			3			—			3			—			3			—			3		
RADIATION (RADS)		1 X 10 ³			ACCIDENT 9.8 X 10 ³			1 X 10 ³			ACCIDENT 9.8 X 10 ³			1 X 10 ³			ACCIDENT 9.8 X 10 ³			1 X 10 ³			ACCIDENT 9.8 X 10 ³			1 X 10 ³			ACCIDENT 9.8 X 10 ³			1 X 10 ³			ACCIDENT 9.8 X 10 ³			1 X 10 ³			ACCIDENT 9.8 X 10 ³					
TOTAL INTEGRATED DOSE - (4)		1 X 10 ³			ACCIDENT 9.8 X 10 ³			1 X 10 ³			ACCIDENT 9.8 X 10 ³			1 X 10 ³			ACCIDENT 9.8 X 10 ³			1 X 10 ³			ACCIDENT 9.8 X 10 ³			1 X 10 ³			ACCIDENT 9.8 X 10 ³			1 X 10 ³			ACCIDENT 9.8 X 10 ³			1 X 10 ³			ACCIDENT 9.8 X 10 ³					

BUILDING		MECHANICAL PENETRATION AREA (2)												DESEL GENERATOR BUILDING																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
AREA/ ELEVATION		HYDROGEN ANALYZER ROOM 22'-0"			RADIOACTIVE TUNNEL (-) 34'-8"			RADIOACTIVE TUNNEL (-) 28'-8"			RADIOACTIVE TUNNEL (-) 34'-8"			RADIOACTIVE TUNNEL (-) 28'-8"			NON-RADIOACTIVE TUNNEL (-) 8'-0"			MECHANICAL EQUIPMENT ROOM 51'-8"			AIR INTAKES 57'-8"																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
ENVIRONMENTAL ZONE		PCE-8 (15)			MPA-1 (15)			MPA-2 (15)			MPA-3 (15)			MPA-4 (15)			MPA-5 (15)			DB-1 (15)			DB-2A (15)			DB-2B (15)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
CONDITION		NORMAL	1	ABNORMAL	2	ACCIDENT	3	NORMAL	1	ABNORMAL	2	ACCIDENT	3	NORMAL	1	ABNORMAL	2	ACCIDENT	3	NORMAL	1	ABNORMAL	2	ACCIDENT	3	NORMAL	1	ABNORMAL	2	ACCIDENT	3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
TEMPERATURE (°F)		104			104			130			104			100			169			104			105			165			104			102			171			104			98			159			104			97			140																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
MINIMUM		50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—			—			50			—</		

NOTE: FOR NOTES AND GENERAL NOTES SEE
THIS DRAWING SHEET 1 OF 5

NUCLEAR SAFETY RELATED

New Hampshire
Yankee

SERVICE ENVIRONMENT CHART

SEABROOK STATION

1-NHY 300219 SHEET 3 OF 5

1-NHY 300219 SHEET 4 OF 5												
BUILDING												
EQUIPMENT VAULTS												
AREA/ ELEVATION	CBS VAULTS (-151'-0")			CBS VAULTS (-151'-0")			CBS VAULTS (-151'-0")			CBS VAULTS (-151'-0")		
ENVIRONMENTAL ZONE	EV-1A (1)			EV-1B (1)			EV-2A (1)			EV-2B (1)		
CONDITION	NORMAL 2	ABNORMAL 3	ACCIDENT 4	NORMAL 2	ABNORMAL 3	ACCIDENT 4	NORMAL 2	ABNORMAL 3	ACCIDENT 4	NORMAL 2	ABNORMAL 3	ACCIDENT 4
TEMPERATURE (°F)	184	92	189	184	92	189	184	92	189	184	92	189
HUMIDITY (%)	68	—	—	68	—	—	68	—	—	68	—	—
PRESSURE (PSID)	SLIGHT POS	—	—	SLIGHT POS	—	—	SLIGHT POS	—	—	SLIGHT POS	—	—
MAXIMUM	—	—	—	—	—	—	—	—	—	—	—	—
NORMAL	—	—	—	—	—	—	—	—	—	—	—	—
MINIMUM	—	—	—	—	—	—	—	—	—	—	—	—
HUMIDITY (°C)	68	—	—	68	—	—	68	—	—	68	—	—
MAXIMUM	—	—	—	—	—	—	—	—	—	—	—	—
MINIMUM	—	—	—	—	—	—	—	—	—	—	—	—
RADIATION (RAD)	4.7 X 10 ⁻⁸	ACCIDENT 1 1.2 X 10 ⁻⁷	—	4.7 X 10 ⁻⁸	ACCIDENT 1 1.2 X 10 ⁻⁷	—	4.7 X 10 ⁻⁸	ACCIDENT 1 7.8 X 10 ⁻⁸	—	4.7 X 10 ⁻⁸	ACCIDENT 1 7.8 X 10 ⁻⁸	—
TOTAL INTEGRATED DOSE - (C)	—	—	—	—	—	—	—	—	—	—	—	—
BUILDING												
ELECTRICAL TUNNELS												
AREA/ ELEVATION	STAIRWELLS (-151'-0")			CONTROL BUILDING TO PAB 30'-0"			TRAIN A 8'-0"			TRAIN B (-125'-0")		
ENVIRONMENTAL ZONE	EV-6A			ET-1			ET-2A			ET-2B		
CONDITION	NORMAL 2	ABNORMAL 3	ACCIDENT 4	NORMAL 2	ABNORMAL 3	ACCIDENT 4	NORMAL 2	ABNORMAL 3	ACCIDENT 4	NORMAL 2	ABNORMAL 3	ACCIDENT 4
TEMPERATURE (°F)	184	114	197	184	117	189	184	112	121	184	111	112
HUMIDITY (%)	68	—	—	68	—	—	68	—	—	68	—	—
PRESSURE (PSID)	SLIGHT POS	—	—	SLIGHT POS	—	—	SLIGHT POS	—	—	SLIGHT POS	—	—
MAXIMUM	—	—	—	—	—	—	—	—	—	—	—	—
NORMAL	—	—	—	—	—	—	—	—	—	—	—	—
MINIMUM	—	—	—	—	—	—	—	—	—	—	—	—
HUMIDITY (°C)	68	—	—	68	—	—	68	—	—	68	—	—
MAXIMUM	—	—	—	—	—	—	—	—	—	—	—	—
MINIMUM	—	—	—	—	—	—	—	—	—	—	—	—
RADIATION (RAD)	4.7 X 10 ⁻⁸	ACCIDENT 1 7.2 X 10 ⁻⁷	—	4.7 X 10 ⁻⁸	ACCIDENT 1 7.2 X 10 ⁻⁷	—	1 X 10 ⁻⁸	—	—	1 X 10 ⁻⁸	—	—
TOTAL INTEGRATED DOSE - (C)	—	—	—	—	—	—	—	—	—	—	—	—
BUILDING												
CONTROL BUILDING												
AREA/ ELEVATION	MAIN CONTROL ROOM 75'-0"			GENERAL AREAS 75'-0"			COMPUTER ROOM 75'-0"			HVAC ROOM 75'-0"		
ENVIRONMENTAL ZONE	CB-1 (1)			CB-2 (1)			CB-3 (1)			CB-4 (1)		
CONDITION	NORMAL 1	ABNORMAL 3	ACCIDENT 4	NORMAL 1	ABNORMAL 3	ACCIDENT 4	NORMAL 1	ABNORMAL 3	ACCIDENT 4	NORMAL 1	ABNORMAL 3	ACCIDENT 4
TEMPERATURE (°F)	76	76	76	76	76	76	72	—	—	84	84	84
HUMIDITY (%)	78	—	—	78	—	—	65	—	—	72	—	—
PRESSURE (PSID)	SLIGHT POS	—	—	SLIGHT POS	—	—	SLIGHT POS	—	—	SLIGHT POS	—	—
MAXIMUM	—	—	—	—	—	—	—	—	—	—	—	—
NORMAL	—	—	—	—	—	—	—	—	—	—	—	—
MINIMUM	—	—	—	—	—	—	—	—	—	—	—	—
HUMIDITY (°C)	68	—	—	68	—	—	68	—	—	68	—	—
MAXIMUM	—	—	—	—	—	—	—	—	—	—	—	—
MINIMUM	—	—	—	—	—	—	—	—	—	—	—	—
RADIATION (RAD)	1 X 10 ⁻⁸	—	—	1 X 10 ⁻⁸	—	—	1 X 10 ⁻⁸	—	—	1 X 10 ⁻⁸	—	—
TOTAL INTEGRATED DOSE - (C)	—	—	—	—	—	—	—	—	—	—	—	—
BUILDING												
TANK FARM												
AREA/ ELEVATION	BATTERY ROOMS 21'-0"			H2 SETS 21'-0"			REFUELING WATER STORAGE 20'-0"			REACTOR MAKE-UP STORAGE 20'-0"		
ENVIRONMENTAL ZONE	CB-7A (1)			CB-7B (1)			TF-1			TF-2		
CONDITION	NORMAL 1	ABNORMAL 3	ACCIDENT 4	NORMAL 1	ABNORMAL 3	ACCIDENT 4	NORMAL 1	ABNORMAL 3	ACCIDENT 4	NORMAL 1	ABNORMAL 3	ACCIDENT 4
TEMPERATURE (°F)	97	97	97	97	97	97	97	97	97	184	184	184
HUMIDITY (%)	65	—	—	65	—	—	65	—	—	65	—	—
PRESSURE (PSID)	SLIGHT POS	—	—	SLIGHT POS	—	—	SLIGHT POS	—	—	SLIGHT POS	—	—
MAXIMUM	—	—	—	—	—	—	—	—	—	—	—	—
NORMAL	—	—	—	—	—	—	—	—	—	—	—	—
MINIMUM	—	—	—	—	—	—	—	—	—	—	—	—
HUMIDITY (°C)	68	—	—	68	—	—	68	—	—	68	—	—
MAXIMUM	—	—	—	—	—	—	—	—	—	—	—	—
MINIMUM	—	—	—	—	—	—	—	—	—	—	—	—
RADIATION (RAD)	1 X 10 ⁻⁸	—	—	1 X 10 ⁻⁸	—	—	1 X 10 ⁻⁸	—	—	1 X 10 ⁻⁸	—	—
TOTAL INTEGRATED DOSE - (C)	—	—	—	—	—	—	—	—	—	—	—	—
BUILDING												
AIR INTAKE												
AREA/ ELEVATION	CONTROL BUILDING VENT MAKE-UP AIR INTAKE UNIT 1 17'-0"			PUMP HOUSE 27'-0"			STAIRWELL (-125'-0")			STAIRWELL (-125'-0")		
ENVIRONMENTAL ZONE	MUA-1			EPN-1 (1)			EPN-2			EPN-3		
CONDITION	NORMAL 1	ABNORMAL 3	ACCIDENT 4	NORMAL 1	ABNORMAL 3	ACCIDENT 4	NORMAL 1	ABNORMAL 3	ACCIDENT 4	NORMAL 1	ABNORMAL 3	ACCIDENT 4
TEMPERATURE (°F)	184	—	—	184	—	—	184	—	—	184	—	—
HUMIDITY (%)	68	—	—	68	—	—	68	—	—	68	—	—
PRESSURE (PSID)	SLIGHT POS	—	—	SLIGHT POS	—	—	SLIGHT POS	—	—	SLIGHT POS	—	—
MAXIMUM	—	—	—	—	—	—	—	—	—	—	—	—
NORMAL	—	—	—	—	—	—	—	—	—	—	—	—
MINIMUM	—	—	—	—	—	—	—	—	—	—	—	—
HUMIDITY (°C)	68	—	—	68	—	—	68	—	—	68	—	—
MAXIMUM	—	—	—	—	—	—	—	—	—	—	—	—
MINIMUM	—	—	—	—	—	—	—	—	—	—	—	—
RADIATION (RAD)	1 X 10 ⁻⁸	—	—	1 X 10 ⁻⁸	—	—	1 X 10 ⁻⁸	—	—	1 X 10 ⁻⁸	—	—
TOTAL INTEGRATED DOSE - (C)	—	—	—	—	—	—	—	—	—	—	—	—

NOTE:
FOR NOTES AND GENERAL NOTES SEE
THIS DRAWING SHEET 1 OF 5

NUCLEAR SAFETY RELATED

24	4-27-85	—	SJT	DND	RJR	PSI	INCORPORATED DCR 83-812 DCM 88
23	10-10-82	—	APL	APL	CHF	PJT	INCORPORATED DCR 90-839 REV. 8
22	10/23/97	—	RMC	APL	APL	CWE	REISSUED DUE TO CADD DRAFTING ERROR
21	5/4/97	—	RMC	APL	CWE	INCORPORATED HMOD 98-854 CA 8	
20	10/28/95	—	RMC	CDM	APL	PJT	SUPPERCEDES UEMC DWG 9763-F-300219 INCORP DCRMS 86-789, CA 22, 86-724, CA 8
REV	DATE	DSGN	DRWN	CHKD	CE	LDE	DESCRIPTION

FPL Energy-Seabrook Station

FPL Energy
Seabrook Station

SERVICE
ENVIRONMENT CHART

1-NHY 300219 SHEET 4 OF 5

NOTE:
FOR NOTES AND GENERAL NOTES SEE
THIS DRAWING SHEET 1 OF 5

NUCLEAR SAFETY RELATED

24	4-27-05	—	SJT	DMC	PLB	PSI	INCORPORATED DCR 83-812 DCH 88
23	10-10-02	—	APL	APL	CHF	PSI	INCORPORATED DCR 98-839 REV. 8
22	10/23/97	—	RMC	APL	APL	CWE	REISSUED DUE TO CADD DRAFTING ERROR
21	9/4/97	—	RMC	APL	APL	CWE	INCORPORATED MWD 98-854 CA 8
20	8/28/95	—	RMC	CCM	APL	PJT	SUPERCEDES USAC DWG 9763-F-388219 INCORP. DCRS 86-789, CA 22, 86-724, CA 8
REV	DATE	DSGN	DRWN	CHKD	CE	LDE	DESCRIPTION
FPL Energy-Seabrook Station							
SERVICE ENVIRONMENT CHART							
1-NHY 300219 SHEET 4 OF 5							

A

* PER CALCULATION C-S-1-28008 REV 0

NUCLEAR SAFETY RELATED

10/26/89 12 11 10 9 8 7 6 5 4 3 2 1

SECURITY-RELATED INFORMATION WITHHELD UNDER 5 USC SECTION 552(b)
(4) AND 5 USC SECTION 552(b)(7)(F)

SECURITY-RELATED INFORMATION WITHHELD UNDER 5 USC SECTION 552(b)
(4) AND 5 USC SECTION 552(b)(7)(F)

SECURITY-RELATED INFORMATION WITHHELD UNDER 5 USC SECTION 552(b)
(4) AND 5 USC SECTION 552(b)(7)(F)

