

August 2, 1979
L-79-210

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

Dear Mr. O'Reilly:

Re: RII:JPO
50-250, 50-251, 50-335
IE Bulletin 79-14

The enclosed information is submitted in response to Item 1 of the subject Bulletin for Turkey Point Units 3 and 4. Part of the submittal is an example surveillance package for the Condensate and Feedwater Auxiliary Systems. Due to the large number of drawings in the package, only one copy of each drawing is enclosed. Please advise us if you need additional copies. The St. Lucie Unit 1 information will be submitted to you on August 6, 1979.

Item 3 of IE Bulletin 79-14 requires inspections that will cause each of our three operating nuclear units to be shutdown for an estimated one-month outage. The cost to our customers for these additional outages would be approximately \$10,000,000 to \$12,000,000 for an estimated total of \$30,000,000 to \$36,000,000. The generation of replacement electrical power during the nuclear plant outages would significantly increase our use of foreign oil. An increase in the use of foreign oil would be inconsistent with the stated presidential policy of reducing oil imports.

Furthermore, it is necessary for us to consider the expected system-wide electrical demand when we schedule outages of our nuclear plants. This significantly restricts the nuclear plant outages, especially concurrent outages, permissible over the time frame defined by Item 3 of the Bulletin.

Based on the above reasons, and the fact that the South Florida region has extremely low seismic activity, Florida Power & Light Company requests concurrence to perform the inspections required by Item 3 of IE Bulletin 79-14 during the next extended outage of each unit. These outages are presently scheduled to begin in accordance with the following schedule:

Turkey Point Unit 3	November 1979
Turkey Point Unit 4	April 1980
St. Lucie Unit 1	April 1980

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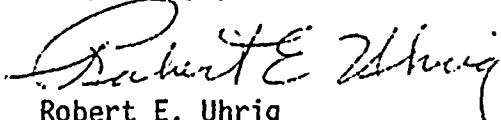
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For outage planning purposes, we would appreciate a response to this request by August 24, 1979. Please call if you have any questions in this regard.

We are presently required to perform steam generator inspections of Turkey Point Units 3 and 4 by late October and mid December, respectively. In conformance with the schedular objectives listed above, we plan to request delay of the Unit 3 and Unit 4 steam generator inspections until mid November 1979 and April 1980, respectively. A separate letter will be issued on this subject.

Very truly yours,



Robert E. Uhrig
Vice President
Advanced Systems & Technology
REU/MAS/dlh

Enclosure

cc: Director, Office of Inspection and Enforcement (w/o drawings)
Director, Division of Operating Reactors (w/o drawings)
Robert Lowenstein, Esquire (w/o drawings)
Harold F. Reis, Esquire (w/o drawings)

ENCLOSURE

Re: RII:JPO
50-250,50-251,50-335
IE Bulletin 79-14

Based on a recent meeting between representatives of Bechtel and the NRC Staff, it is our understanding that the enclosed information for Turkey Point Units 3 and 4 is responsive to Item 1 of the Bulletin. Please advise Florida Power & Light Company if you desire additional information.

The following information is submitted:

- I. Inspection elements
- II. List of Safety Related Systems
- III. Example package for the Condensate and Feedwater Auxiliary Systems
 - a) P&ID - color coded
 - Red: accessible
 - Blue: inaccessible
 - b) Physical piping drawings - color coded
 - c) Valve drawings
 - d) Floor & wall penetration drawings
 - e) Pipe support detail drawings

INSPECTION ELEMENTS

(a) Piping Configuration

Piping segment length

Piping segment direction

(b) Valve

Valve identification number

Location

Extended operator's orientation

(c) Floor and Wall Penetration

Piping fixed at the penetration (and fixed direction)

Piping free to move

Grouted or sealed sleeve

(d) Pipe Support

Support identification number

Location

Direction (restriction or load carrying direction)

Type

Spring

Snubber

Rigid Rod

Structure Frame

TURKEY POINT UNITS 3 & 4
LIST OF SAFETY-RELATED SYSTEMS

The following safety related systems or portions of these systems as defined in IE Bulletin No. 79-14 will be inspected:

1. MAIN STEAM
2. MAIN FEEDWATER/AUX. F.W.
3. INTAKE COOLING WATER
4. REACTOR COOLANT SYSTEM
5. CHEMICAL VOLUME & CONTROL SYSTEM
6. SAFETY INJECTION SYSTEM
7. RHR SYSTEM
8. CONTAINMENT SPRAY SYSTEM
9. ACCUMULATOR INJECTION SYSTEM
10. COMPONENT COOLING WATER SYSTEM
11. POST ACCIDENT CONTAIN. VENT. SYSTEM
12. CONTAINMENT PENETRATION SYSTEMS
13. EMERGENCY DIESEL GENERATORS

PROJECT: TURKEY POINT UNITS 3 & 4

SYSTEM: CONDENSATE & FEEDWATER AUXILIARY SYSTEMS

REF. DWG. 5610-T-E-4062 SHT. 3 of 5 Rev. 2 8-23-78

FLOOR AND WALL PENETRATION DRAWINGS

IDENTIFICATION NO.	TITLE	REVISION	DATE
5610-C-529	FEEDWATER PLATFORM PLAN & DETAILS	3	7/23/73
5610-C-172	CONTAINMENT STRUCTURE UNIT 4 LINER PLATE - PLAN & ELEV.	7	10/23/73
5610-M-44	CONTAINMENT BLDG. FLR. & WALL PENETRATIONS PLAN BELOW 58'-0" UNIT 4	2	8/13/69
5610-C-530	FEEDWATER PLATFORM PLANS & DETAILS UNIT 4	4	7/23/73
5610-M-43	CONTAINMENT BLDG. SECONDARY SHIELD PENETRATIONS PLAN ELEV. 30'-6" UNIT 4	2	8/13/69
5610-C-165	CONTAINMENT STRUCTURE LINER PLATE PLAN, ELEV. & DET.	12	5/9/72
5610-M-41	CONTAINMENT BUILDING - SECONDARY SHIELD PEN. PLAN BELOW ELEV. 30'-6" UNIT 3	3	10/12/70
5610-M-42	CONTAINMENT BUILDING FLR. & WALL PEN. PLAN BELOW ELEV. 58'-0" UNIT 3	3	8/13/69
5610-C-167	CONTAINMENT STRUCTURE LINER PENETRATION DETAILS	12	5/9/72

PROJECT: TURKEY POINT UNITS 3 & 4

SYSTEM: CONDENSATE & FEEDWATER AUXILIARY SYSTEMS

REF. DWG. 5610-T-E-4062 Sht. 3 of 5 Rev. 2 8-23-78

PIPING ISOMETRICS AND/OR DRAWINGS

IDENTIFICATION NO.	TITLE	REVISION	DATE
M-151	REACTOR CONTAINMENT AREA PIPING AREA: 5 PLAN BELOW EL 30'-6"	7	5/4/71
M-152	REACTOR CONTAINMENT AREA PIPING AREA: 5 PLAN BELOW EL 95'-0"	7	2/24/72
M-157	REACTOR CONTAINMENT AREA PIPING AREA: 6 PLAN BELOW EL 30'-6"	9	11/11/71
M-158	REACTOR CONTAINMENT PIPING AREA: 6 PLAN BELOW EL 95'-0"	7	11/11/71
5610-FSK-M-440	BLOWDOWN LINE (STM. GEN. #3E-210B)	3	12/30/71
5610-FSK-M-439	BLOWDOWN LINE (STM. GEN. #3E-210B)	3	12/30/71
5610-FSK-M-438	BLOWDOWN LINE (STM. GEN. #3E-210A)	3	12/30/71
5610-FSK-M-437	BLOWDOWN LINE (STM. GEN. #3E-210A)	3	12/30/71
5610-FSK-M-442	BLOWDOWN LINE (STM. GEN. #3E-210C)	3	12/30/71
5610-FSK-M-441	BLOWDOWN LINE (STM. GEN. #3E-210C)	3	12/30/71
5610-FSK-M-492-A	SAMPLING LINE FROM STM. GEN. 3E-210C BLOWDOWN	1	1/3/72
5610-FSK-M-287B	STM. GEN. 3-C BLOWDOWN TO BLOWDOWN TANK	1	1/11/72
5610-FSK-M-393	STM. GEN. 4-A BLOWDOWN TO BLOWDOWN TANK	3	6/18/72
5610-FSK-M-392	STM. GEN. 4-B BLOWDOWN TO BLOWDOWN TANK	3	6/18/72
5610-FSK-M-391	STM. GEN. 4-C BLOWDOWN TO BLOWDOWN TANK	3	6/18/72
5610-M-115	CONDENSATE STORAGE TANK AREA PIPING UNIT 3 - PLAN & SECTIONS	6	11/19/71
5610-M-122	AUXILIARY FEED PUMP PIPING PLAN & SECTIONS	7	7/27/72
5610-M-215	YARD PIPING CONTROL BLDG. AREA	5	11/19/71
5610-M-136	CONDENSATE STORAGE TANK AREA PIPING UNIT 4 - PLAN & SECTIONS	6	6/2/72
5610-FSK-M-716	BLOWDOWN LINE STM. GEN. 4E-210A	2	3/22/72
5610-FSK-M-714	BLOWDOWN LINE STM. GEN. 4E-210A	1	2/7/72
5610-FSK-M-713	BLOWDOWN LINE STM. GEN. 4E-210C	1	2/17/72

PROJECT: TURKEY POINT UNITS 3 & 4

SYSTEM: CONDENSATE & FEEDWATER AUXILIARY SYSTEMS

REF. DWG. 5610-T-E-4062 Sht. 3 of 5 Rev. 2 8-23-78

PIPING ISOMETRICS AND/OR DRAWINGS

IDENTIFICATION NO.	TITLE	REVISION	DATE
5610-FSK-M-715	BLOWDOWN LINE STM. GEN. 4E-210C	2	3/22/72
5610-FSK-M-712	BLOWDOWN LINE STM. GEN. 4E-210B	1	2/7/72
5610-FSK-M-717	BLOWDOWN LINE STM. GEN. 4E-210B	2	3/22/72
5610-M-175	REACTOR CONTAINMENT AREA PIPING AREA 11 - PLAN BELOW EL 30'-6"	7	11/6/71
5610-M-176	REACTOR CONTAINMENT AREA PIPING AREA 11 - PLAN BELOW EL 95'-0"	5	2/24/72
5610-M-181	REACTOR CONTAINMENT AREA PIPING AREA 12 - PLAN BELOW EL 30'-6"	5	11/11/71
5610-M-182	REACTOR CONTAINMENT AREA PIPING PLAN BELOW EL 95'-0"	5	11/11/72
5610-FSK-M-285B	STM. GEN. "3A" BLOWDOWN TO BLOWDOWN TANK	1	1/11/72
5610-FSK-M-286B	STM. GEN. "3B" BLOWDOWN TO BLOWDOWN TANK	1	1/11/72
E-2387-IC-133	DRAVO ISOMETRIC	2	12/10/71
E-2387-IC-135	DRAVO ISOMETRIC	3	3/2/72
E-2387-IC-137	DRAVO ISOMETRIC	2	3/2/72
E-2387-IC-144	DRAVO ISOMETRIC	2	3/2/72
E-2387-IC-146	DRAVO ISOMETRIC	6	12/6/71
E-2387-IC-147	DRAVO ISOMETRIC	6	12/7/71
E-2387-IC-148	DRAVO ISOMETRIC	4	3/2/72
E-2387-IC-150A	DRAVO ISOMETRIC	2	3/2/72
E-2387-IC-370	DRAVO ISOMETRIC	3	4/7/72
E-2387-IC-371	DRAVO ISOMETRIC	3	4/7/72
E-2387-IC-372	DRAVO ISOMETRIC	4	4/7/72
E-2387-IC-373	DRAVO ISOMETRIC	3	4/7/72
E-2387-IC-374	DRAVO ISOMETRIC	2	4/7/72

PROJECT: TURKEY POINT UNITS 3 & 4

SYSTEM: CONDENSATE & FEEDWATER AUXILIARY SYSTEMS

REF. DW. 5610-T-E-4062 Sht. 3 of 5 Rev. 2 8-23-78

PIPING ISOMETRICS AND/OR DRAWINGS

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PROJECT: TURKEY POINT UNITS 3 & 4

SYSTEM: CONDENSATE & FEEDWATER AUXILIARY SYSTEMS

REF. DWG. 5610-T-E-4062 SHT. 3 of 5 Rev. 2 8-23-78

PIPE SUPPORT DRAWINGS

IDENTIFICATION NO.	TITLE	REVISION	DATE
2385	3-AFH-75		2/18/69
5610-FSK-C-654	PIPE RESTRAINT SR115, SR115A	0	5/18/71
2386	3-AFH-76		2/13/69
5610-FSK-C-669	PIPE RESTRAINT SR116	0	5/24/71
2388	3-AFH-78		2/18/69
2389	3-AFH-79		2/18/69
5610-FSK-C-674	PIPE RESTRAINT SR226	0	5/24/71
2391	3-AFH-81		2/18/69
2392	3-AFH-82		2/18/69
2393	3-AFH-83		2/18/69
2350	3-AFH-40		2/6/69
5610-FSK-C-662	PIPE RESTRAINT SR113	0	5/28/71
2351	3-AFH-41		1/21/69
5610-FSK-C-673	PIPE RESTRAINT SR224	0	5/24/71
2352	3-AFH-42		2/7/69
5610-FSK-C-667	PIPE RESTRAINT SR112	0	5/24/71
2384	3-AFH-74		2/17/69
2387	3-AFH-77		2/18/69
2390	3-AFH-80		2/18/69
5610-FSK-C-659	PIPE RESTRAINT SR227	0	6/30/71
2359	3-AFH-49		2/7/69
5610-FSK-C-664	PIPE RESTRAINT SR114	0	2/24/71

PROJECT: TURKEY POINT UNITS 3 & 4

SYSTEM: CONDENSATE & FEEDWATER AUXILIARY SYSTEMS

REF. DWG. 5610-T-E-4062 SHT. 3 of 5 Rev. 2 8-23-78

PIPE SUPPORT DRAWINGS

IDENTIFICATION NO.	TITLE	REVISION	DATE
2354	3-AFH-44		2/10/69
2355	3-AFH-45		2/10/69
2356	3-AFH-46		2/10/69
2357	3-AFH-47		2/10/69
2358	3-AFH-48		2/10/69
5610-FSK-C-685	PIPE RESTRAINT SR225	0	6/7/71
5610-C-536	AUXILIARY FEED PUMP PIPING SEISMIC RESTRAINTS PLAN & SECTIONS	4	10/13/71
2342	3-AFH-32		2/5/69
2344	3-AFH-34		2/5/69
2345	3-AFH-35		2/5/69
2399	3-AFH-89		2/20/69
2394	3-AFH-84		2/18/69
5610-FSK-C-660	PIPE RESTRAINT SR210, SR211, SR212	0	6/7/71
2395	3-AFH-85		2/18/69
	3-AFH-86		2/18/69
2397	3-AFH-87		2/18/69
5610-FSK-C-678	PIPE RESTRAINT SR213	0	5/24/79
2398	3-AFH-88		2/20/69
2340	3-AFH-30		2/5/69
2339	3-AFH-29		2/5/69
2341	3-AFH-31		2/5/69

PROJECT: TURKEY POINT UNITS 3 & 4

SYSTEM: CONDENSATE & FEEDWATER AUXILIARY SYSTEMS

REF. DWG. 5610-T-E-4062 SHT. 3 of 5 Rev. 2 8-23-78

PIPE SUPPORT DRAWINGS

IDENTIFICATION NO.	TITLE	REVISION	DATE
2343	3-AFH-33	1	2/6/69
2345	3-AFH-35		2/5/69
2346	3-AFH-36		
2348	3-AFH-38		2/6/69
2347	3-AFH-37		2/6/69
2349	3-AFH-39		2/6/69
5610-FSK-M-143	DETAIL - SEISMIC RESTRAINTS STEAM GEN. BLOWDOWN PIPING @ EL 33'-10-11/16"		5/4/70
5610-FSK-M-145	DETAIL - SEISMIC RESTRAINTS - BLOWDOWN PIPING FROM 3E210B & 3E210C		5/4/70
5610-FSK-M-146	DETAIL - SEISMIC RESTRAINTS BLOWDOWN PIPING FROM 3E-210C		5/4/70
5610-FSK-M-147	DETAIL - SEISMIC RESTRAINTS BLOWDOWN PIPING FROM 3E-210C		5/4/70
5610-FSK-M-144	DETAIL - SEISMIC RESTRAINTS - STEAM GEN. BLOWDOWN PIPING FROM 3E-210A		5/4/70
5610-FSK-M-119-A	LOCATION OF SEIS. RESTRAINTS FOR STM GEN. BLOWDOWN LINES OUTSIDE CONTAIN.	0	12/8/70
5610-FSK-M-118-A	SEIS. RESTRAINT FOR STM. GEN. BLOWDOWN LINES OUTSIDE CONTAINMENT	0	12/8/70
5610-FSK-M-117-A	SEIS. RESTRAINT FOR STM. GEN BLOWDOWN LINES OUTSIDE CONTAINMENT	0	12/8/70
5610-FSK-M-116-A	SEIS. RESTRAINT FOR STM. GEN BLOWDOWN LINES OUTSIDE CONTAINMENT	0	12/8/70
5610-FSK-M-115-A	SEIS. RESTRAINT FOR STM. GEN BLOWDOWN LINES OUTSIDE CONTAINMENT	0	12/8/70

PROJECT: TURKEY POINT UNITS 3 & 4

SYSTEM: CONDENSATE & FEEDWATER AUXILIARY SYSTEMS

REF. DWG. 5610-T-E-4062 SHT. 3 of 5 Rev. 2 8-23-78

PIPE SUPPORT DRAWINGS

IDENTIFICATION NO.	TITLE	REVISION	DATE
5610-FSK-M-114-A	SEIS. RESTRAINT FOR STM. GEN BLOWDOWN LINES OUTSIDE CONTAINMENT	0	12/8/70
5610-FSK-M-113-A	SEIS. RESTRAINT FOR STM. GEN BLOWDOWN LINES OUTSIDE CONTAINMENT	0	12/8/70
	4-YPH-68		11/12/69
	4-YPH-69		11/12/69
	4-YPH-70		11/13/69
2288	4-YPH-71		11/13/69
	4-YPH-72		11/13/69
2290	4-YPH-73		11/13/69
2291	4-YPH-74		11/13/69
	4-YPH-75		11/13/69
2222	4-YPH-5	1	3/19/70
	4-YPH-4	1	3/19/70
2220	4-YPH-3	1	3/19/70
2219	4-YPH-2	1	3/19/70
2218	4-YPH-1	1	3/19/70
	4-YPH-6		3/19/70
	4-YPH-64		11/12/69
2266	4-YPH-49		11/12/69
	4-YPH-50		11/12/69
	4-YPH-51		11/12/69

PROJECT: TURKEY POINT UNITS 3 & 4

SYSTEM: CONDENSATE & FEEDWATER AUXILIARY SYSTEMS

REF. DWG. 5610-T-E-4062 SHT. 3 of 5 Rev. 2 8-23-78

PIPE SUPPORT DRAWINGS

IDENTIFICATION NO.	TITLE	REVISION	DATE
5610-C-541	YARD PIPING SEISMIC RESTRAINTS CONTROL BUILDING AREA	1	11/5/71
5610-C-594	CONTAINMENT STRUCTURE SEISMIC RESTRAINT DETAILS SH. 8	4	2/23/73
5610-C-677	CONTAINMENT STRUCTURE SEISMIC RESTRAINT DETAILS SH. 15	1	11/28/72
5610-C-674	CONTAINMENT STRUCTURE SEISMIC RESTRAINT DETAILS SH. 12	1	2/13/73
5610-C-678	CONTAINMENT STRUCTURE SEISMIC RESTRAINT DETAILS SH. 16	1	2/13/73
5610-C-542	AUXILIARY FEEDWATER SYSTEM SEISMIC RESTRAINT DETAILS SH. 6	1	10/10/72
5610-C-543	AUXILIARY FEEDWATER SYSTEM SEISMIC RESTRAINT DETAILS SH. 7	1	10/25/72
5610-C-544	AUXILIARY FEEDWATER SYSTEM SEISMIC RESTRAINT DETAILS SH. 8	1	10/25/72
5610-C-545	AUXILIARY FEEDWATER SYSTEM SEISMIC RESTRAINT DETAILS SH. 9	1	10/25/72
5610-C-546	AUXILIARY FEEDWATER SYSTEM SEISMIC RESTRAINT DETAILS SH. 10	1	2/13/73
5610-C-583	REACTOR CONT. AREA PIPING RESTRAINTS AREA 11 PLAN BELOW EL. 30'-6"	2	5/4/73
5610-C-584	REACTOR CONTAINMENT AREA PIPING RESTRAINTS AREA 12 PLAN BELOW EL. 30'-6"	3	5/4/73
5610-C-598	REACTOR CONTAINMENT AREA PIPING RESTRAINTS AREA 11 PLAN BELOW EL. 95'-0" UNIT 4	0	10/13/71
5610-C-599	REACTOR CONTAINMENT AREA PIPING RESTRAINTS AREA 12 EL. 95'-0" UNIT 4	0	10/13/71

PROJECT: TURKEY POINT UNITS 3 & 4

SYSTEM: CONDENSATE & FEEDWATER AUXILIARY SYSTEMS
REF. DWG. 5610-T-E-4062 SHT. 3 of 5 Rev. 2 8-23-78

PIPE SUPPORT DRAWINGS

IDENTIFICATION NO.	TITLE	REVISION	DATE
5610-C-535	AUX. FEEDWATER SYSTEM UNIT 3 SEISMIC RESTRAINTS PLAN & SECT.	2	5/17/71
5610-FSK-C-657	PIPE RESTRAINT SR216	0	6/7/71
	3-CSTH-52	2	8/11/69
	3-CSTH-53	1	4/3/68
	3-CSTH-56	2	4/9/69
1363A-1	3-CSTH-56A	1	8/11/69
1364-2	3-CSTH-57	2	4/10/69
1364A-1	3-CSTH-57A	1	8/11/69
	3-CSTH-51	1	
5610-FSK-C-656	PIPE RESTRAINT SR215	0	6/7/71
	3-CSTH-49	1	
5610-FSK-C-655	PIPE RESTRAINT SR118 & SR214	0	5/28/71
	3-CSTH-48	2	
	3-CSTH-47	2	3/7/69
	3-CSTH-50	1	3/27/69
	3-CSTH-50A	1	
1405	3-CSTH-98		8/13/68
	3-CSTH-97		8/13/68
1403-1	3-CSTH-96	1	5/9/69
1403A	3-CSTH-96A		
1325-1	3-CSTH-18	1	3/26/69

PROJECT: TURKEY POINT UNITS 3 & 4

SYSTEM: CONDENSATE & FEEDWATER AUXILIARY SYSTEMS

REF. DWG. 5610-T-E-4062 SHT. 3 of 5 Rev. 2 8-23-78

PIPE SUPPORT DRAWINGS

IDENTIFICATION NO.	TITLE	REVISION	DATE
1325A-1	3-CSTH-18A	1	8/11/69
5610-FSK-C-676	PIPE RESTRAINT SR229	0	5/27/71
	3-CSTH-15	1	
1323-1	3-CSTH-16	1	3/26/69
	3-CSTH-17		
1326-1	3-CSTH-19	1	3/26/69
	3-CSTH-20	1	3/26/69
	3-CSTH-78	1	
5610-FSK-C-681	PIPE RESTRAINTS SR188; SR231; SR237	0	5/28/71
	3-CSTH-77	1	
5610-FSK-C-671	PIPE RESTRAINT SR107b	0	5/28/71
	3-CSTH-82	1	
5610-FSK-C-679	PIPE RESTRAINT SR232	0	5/27/71
	3-CSTH-80	1	6/9/69
5610-FSK-C-698	PIPE RESTRAINT SR219, SR222	0	6/7/71
	3-CSTH-76	1	
5610-FSK-C-688	PIPE RESTRAINTS SR189, SR230, SR233, SR235	0	5/27/71
	3-CSTH-79	1	
5610-FSK-C-699	PIPE RESTRAINT SR217, SR218, SR220, SR221	0	
	3-CSTH-81	1	

PROJECT: TURKEY POINT UNITS 3 & 4

SYSTEM: CONDENSATE & FEEDWATER AUXILIARY SYSTEMS

REF. DWG. 5610-T-E-4062 SHT. 3 of 5 Rev. 2 8-23-78

PIPE SUPPORT DRAWINGS

IDENTIFICATION NO.	TITLE	REVISION	DATE
5610-FSK-C-692	3-CSTH-74	1	
	3-CSTH-70	1	
	3-CSTH-72	1	
	PIPE RESTRAINTS SR190 & SR234	0	
	3-CSTH-66	1	
5610-FSK-C-663	3-CSTH-67		
	3-CSTH-69		
	PIPE RESTRAINT SR108	0	
5610-FSK-C-658	3-CSTH-68		
	PIPE RESTRAINT SR109	0	5/20/71
	3-CSTH-14		
	3-CSTH-73	1	
	3-CSTH-71		
5610-FSK-C-665	3-CSTH-75	1	
	PIPE RESTRAINT SR107a	0	5/28/71
	3-CSTH-145		4/15/69
2617			
5610-FSK-C-686	PIPE RESTRAINT SR223	0	6/7/71
2614	3-CSTH-142		
2615	3-CSTH-143		
2616	3-CSTH-144		
	3-CSTH-146		

PROJECT: TURKEY POINT UNITS 3 & 4SYSTEM: CONDENSATE & FEEDWATER AUXILIARY SYSTEMS

REF. DWG. 5610-T-E-4062 SHT. 3 of 5 Rev. 2 8-23-78

PIPE SUPPORT DRAWINGS

IDENTIFICATION NO.	TITLE	REVISION	DATE
5610-C-540	CONDENSATE STORAGE TK AREA PIPING SEISMIC RESTRAINT PLAN & SEC.	1	11/5/71
1678	4-CSTH-119	1	9/26/69
	4-CSTH-118		
1675	4-CSTH-116		
1676	4-CSTH-117	1	9/26/76
1672	4-CSTH-113	1	9/26/69
1673	4-CSTH-114		
1680	4-CSTH-121		
1681	4-CSTH-122	1	9/26/69
1684	4-CSTH-125	1	9/26/69
1683	4-CSTH-124	1	9/27/69
	4-CSTH-115		
1685	4-CSTH-126	1	9/25/69
1	4-CSTH-112		
1670	4-CSTH-111		9/25/69
1598	4-CSTH-39		
1596	4-CSTH-37		
	4-CSTH-146		
	4-CSTH-145		
	4-CSTH-144		4/25/69
	4-CSTH-143		4/25/69

PROJECT: TURKEY POINT UNITS 3 & 4

SYSTEM: CONDENSATE & FEEDWATER AUXILIARY SYSTEMS

REF. DWG. 5610-T-E-4062 SHT. 3 of 5 Rev. 2 8-23-78

PIPE SUPPORT DRAWINGS

IDENTIFICATION NO.	TITLE	REVISION	DATE
	4-CSTH-142		
	4-CSTH-29		4/29/69
	4-CSTH-34		
	4-CSTH-26		
1584	4-CSTH-25		4/28/69
1580	4-CSTH-21		4/25/69
1577	4-CSTH-18		4/25/69
1575	4-CSTH-15		4/25/69
	4-CSTH-12		
1568	4-CSTH-9		4/23/69
	4-CSTH-6		
	4-CSTH-4		4/23/69
	4-CSTH-138		4/30/69
1700	4-CSTH-141		4/24/69
	4-CSTH-131		4/30/69
1601	4-CSTH-42		4/23/69
1606	4-CSTH-47		4/23/69
	4-CSTH-51	1	
	4-CSTH-59	1	4/23/69
1626	4-CSTH-67	1	
1634	4-CSTH-75		4/23/69
	4-CSTH-85	1	

PROJECT: TURKEY POINT UNITS 3 & 4

SYSTEM: CONDENSATE & FEEDWATER AUXILIARY SYSTEMS

REF. DWG. 5610-T-E-4062 SHT. 3 of 5 Rev. 2 8-23-78

PIPE SUPPORT DRAWINGS

IDENTIFICATION NO.	TITLE	REVISION	DATE
1576	4-CSTH-8		4/22/69
	4-CSTH-11		4/24/69
	4-CSTH-14		4/24/69
	4-CSTH-17		4/24/69
	4-CSTH-13		
1560	4-CSTH-1		6/24/69
	4-CSTH-2		4/23/69
FSK-C-750	PIPE RESTRAINT SR111	0	6/23/71
FSK-C-653	PIPE RESTRAINT SR117	0	5/18/71

PROJECT: TURKEY POINT UNITS 3 & 4

SYSTEM: CONDENSATE & FEEDWATER AUXILIARY SYSTEMS

REF. DWG. 5610-T-E-4062 SHT. 3 of 5 Rev. 2 8-23-78

VALVE DRAWINGS

VENDOR	IDENTIFICATION NO.	TITLE	VENDOR DRAWING	REV. / DATE
VELAN	187	½"-2" BOLTED BONNET GATE	P-32851-20	1/22/68
VELAN	287	½"-2" BOLTED BONNET GATE	P-32851-20	1/22/68
VELAN	387	½"-2" BOLTED BONNET GATE	P-32851-20	1/22/68
VELAN	188	½"-2" BOLTED BONNET GATE	P-32851-20	1/22/68
VELAN	288	½"-2" BOLTED BONNET GATE	P-32851-20	1/22/68
VELAN	388	½"-2" BOLTED BONNET GATE	P-32851-20	1/22/68
PACIFIC	MOV-1410	1" & 2" MOTOR OPERATED VLV	8-802	4/11/68
PACIFIC	MOV-1411	1" & 2" MOTOR OPERATED VLV	8-802	4/11/68
PACIFIC	MOV-1412	1" & 2" MOTOR OPERATED VLV	8-802	4/11/68
VELAN	401	4", 6", 8" CAST STEEL CHECK	P-32851-28	8/9/68
VELAN	400	4", 6", 10" CAST STEEL GATE	P-32851-26	5/24/68
VELAN	422	4", 6", 10" CAST STEEL GATE	P-32851-26	5/24/68
VELAN	402	4", 6", 10" CAST STEEL GATE	P-32851-26	5/24/68
VELAN	3-144	2½" to 12" CAST STEEL GATE	P-32851-6	5/14/66
VELAN	4-144	2½" to 12" CAST STEEL GATE	P-32851-6	5/14/66
VELAN	3-244	2½" to 12" CAST STEEL GATE	P-32851-6	5/14/66
VELAN	4-244	2½" to 12" CAST STEEL GATE	P-32851-6	5/14/66
VELAN	3-344	2½" to 12" CAST STEEL GATE	P-32851-6	5/14/66
VELAN	4-344	2½" to 12" CAST STEEL GATE	P-32851-6	5/14/66
VELAN	70-052	2½" to 12" CAST STEEL GATE	P-32851-6	5/14/66
ROCKWELL	CV-2205	VALVE ASST FIG LEW-1424	220227 & 6	3/27/68

PROJECT: TURKEY POINT UNITS 3 & 4

SYSTEM: CONDENSATE & FEEDWATER AUXILIARY SYSTEMS

REF. DWG. 5610-T-E-4062 SHT. 3 of 5 Rev. 2 8-23-78

VALVE DRAWINGS

VENDOR	IDENTIFICATION NO.	TITLE	VENDOR DRAWING	REV. / DATE
VELAN	143	CAST STEEL SWING CHECK VLV.	P-32851-13	8/11/65
VELAN	243	CAST STEEL SWING CHECK VLV.	P-32851-13	8/11/65
VELAN	343	CAST STEEL SWING CHECK VLV.	P-32851-13	8/11/65
VELAN	145	CAST STEEL GLOBE VALVE	P-32851-11	8/9/65
VELAN	245	CAST STEEL GLOBE VALVE	P-32851-11	8/9/65
VELAN	345	CAST STEEL GLOBE VALVE	P-32851-11	8/9/65
VELAN	3-409	4", 6", 10" CAST STEEL GATE	P-32851-26	A 5/24/68
VELAN	4-409	4", 6", 10" CAST STEEL GATE	P-32851-26	A 5/24/68
VELAN	3-142	CAST STEEL GATE VALVE	P-32851-4	8/5/65
VELAN	4-142	CAST STEEL GATE VALVE	P-32851-4	8/5/65
VELAN	3-242	CAST STEEL GATE VALVE	P-32851-4	8/5/65
VELAN	4-242	CAST STEEL GATE VALVE	P-32851-4	8/5/65
VELAN	3-342	CAST STEEL GATE VALVE	P-32851-4	8/5/65
VELAN	3-342	CAST STEEL GATE VALVE	P-32851-4	8/5/65
VELAN	141	CAST STEEL GATE VALVE	P-32851-4	8/5/65
VELAN	241	CAST STEEL GATE VALVE	P-32851-4	8/5/65
VELAN	341	CAST STEEL GATE VALVE	P-32851-4	8/5/65
BAILEY	CV-2816	REGULATING VALVE 3" TYPE VBA-752A	D701210F	F 10/25/51
BAILEY	CV-2817	REGULATING VALVE 3" TYPE VBA-752A	D701210F	F 10/25/51

PROJECT: TURKEY POINT UNITS 3 & 4

SYSTEM: CONDENSATE & FEEDWATER AUXILIARY SYSTEMS

REF. DWG. 5610-T-E-4062 SHT. 3 of 5 Rev. 2 8-23-78

VALVE DRAWINGS

VENDOR	IDENTIFICATION NO.	TITLE	VENDOR DRAWING	REV. / DATE
BAILEY	CV-2818	REGULATING VALVE 3" TYPE VBA-752A	D701210F	F 10/25/51
BAILEY	CV-2831	REGULATING VALVE 3" TYPE VBA-752A	D701210F	F 10/25/51
BAILEY	CV-2832	REGULATING VALVE 3" TYPE VBA-752A	D701210F	F 10/25/51
BAILEY	CV-2833	REGULATING VALVE 3" TYPE VBA-752A	D701210F	F 10/25/51
VELAN	127	$\frac{1}{4}$ "-2" BOLTED BONNET GATE	P-32851-20	1/22/68
VELAN	227	$\frac{1}{4}$ "-2" BOLTED BONNET GATE	P-32851-20	1/22/68
VELAN	327	$\frac{1}{4}$ "-2" BOLTED BONNET GATE	P-32851-20	1/22/68

