

CATEGORY 1

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9705190257 DOC. DATE: 97/04/30 NOTARIZED: NO DOCKET #
 FACIL: 50-250 Turkey Point Plant, Unit 3, Florida Power and Light C 05000250
 50-251 Turkey Point Plant, Unit 4, Florida Power and Light C 05000251
 AUTH. NAME AUTHOR AFFILIATION
 KNORR, J.E. Florida Power & Light Co.
 HOVEY, R.J. Florida Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for April 1997 for TPS.W/970512 ltr.

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 TITLE: Monthly Operating Report (per Tech Specs)

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MAY 12 1997

L-97-127
10 CFR §50.36

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D. C. 20555

Re: Turkey Point Units 3 and 4
Docket Nos. 50-250 and 50-251
Monthly Operating Report

In accordance with the requirements of Turkey Point Units 3 and 4
Technical Specification 6.9.1.5, and the guidance of NUREG-0020,
attached are the April 1997 Operating Status and Summary of Operating
Experience Reports for Turkey Point Units 3 and 4.

Very truly yours,



R. J. Hovey
Vice President
Turkey Point Plant

JEK

Attachments

cc: L. A. Reyes, Regional Administrator, Region II, USNRC
T. P. Johnson, Senior Resident Inspector, USNRC, Turkey Point
Plant

9705190257 970430
PDR ADOCK 05000250
R PDR

190018



AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 250
 UNIT Turkey Point #3
 DATE May 07, 1997
 COMPLETED BY J. E. Knorr
 TELEPHONE (305) 246 - 6757

MONTH April, 1997

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
04/01/97	0
04/02/97	0
04/03/97	0
04/04/97	0
04/05/97	0
04/06/97	0
04/07/97	0
04/08/97	0
04/09/97	0
04/10/97	0
04/11/97	0
04/12/97	0
04/13/97	0
04/14/97	0
04/15/97	0
04/16/97	96
04/17/97	46
04/18/97	244
04/19/97	299
04/20/97	455
04/21/97	699
04/22/97	711
04/23/97	707
04/24/97	712
04/25/97	715
04/26/97	715
04/27/97	713
04/28/97	710
04/29/97	711
04/30/97	708

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 250

UNIT NAME: Turkey Point # 3

DATE: May 07, 1997

COMPLETED BY: J. E. Knorr

TELEPHONE: (305) 246-6757

REPORT MONTH APRIL 1997

No.	Date	Type 1	Duration (Hours)	Reason 2	Method of Shutting Down Reactor 3	Licensee Event Report #	System Code 4	Component Code 5	Cause and Corrective Action to Prevent Recurrence:
00001039	03/03/97	S	368.5	C	2	97 - 02	RB	INSTRU	Manual reactor trip due to rod control urgent failure alarm
00001040	04/17/97	S	12.8	B	1	N/A	HA	INSTRU	Shut plant down to perform a turbine overspeed test

1. F Forced
S Scheduled

2. A - Equipment Failure (Explain)
B - Maintenance or test
C - Refueling
D - Regulatory Restriction
E - Operator Training License Examination
F - Administrative
G - Operational Error (Explain)
H - Other (Explain)

3. 1 - Manual
2 - Manual Scram
3 - Automatic Scram
4 - Continued
5 - Load Reduction
9 - Other (Explain)

4. Exhibit G - Instructions for
Preparation of Data Entry
Sheets Licensee Event Report
(LER) File (NUREG-0161)
5. Exhibit I - Same Source

OPENING DATA REPORT

DOCKET NO
DATE
PREPARED BY
TELEPHONE

50 - 250
05/07/97

OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 3
2. REPORTING PERIOD: April, 1997
3. LICENSED THERMAL POWER (MWT) : _____ 2300
4. NAMEPLATE RATING (GROSS MWE) : _____ 760
5. DESIGN ELECTRICAL RATING (NET MWE) : _____ 720
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE) : _____ 726
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE) : _____ 693
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS NUMBER 3 THROUGH 7) SINCE LAST REPORT,
GIVE REASONS :
9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE)
10. RESONS FOR RESTRICTION, IF ANY :

	MONTHLY	- YTD -	CUMULATIVE
11. HOURS IN REPORT PERIOD : _____	719.0	2879.0	213920.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	387.0	1829.4	144619.9
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	844.4
14. HOURS GENERATOR ON-LINE _____	338.7	1773.0	142533.0
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	121.8
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	651515	3825487	297819913
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	209139	1244151	95671947
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	192150	1177294	90586722
19. UNIT SERVICE FACTOR _____	47.1	61.6	66.6
20. UNIT AVAILABILITY FACTOR _____	47.1	61.6	66.7
21. CAPACITY FACTOR (USING MDC NET) _____	38.6	59.0	64.4
22. CAPACITY FACTOR (USING DER NET) _____	37.1	56.8	61.9
23. UNIT FORCED OUTAGE RATE _____	0.0	1.9	10.3
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :			

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP : _____

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-250
UNIT: Turkey Point #3
DATE: May 1, 1997
COMPLETED BY: J. E. Knorr
TELEPHONE: (305) 246-6757

REPORT MONTH APRIL 1997

Unit 3 started the month of April shut down for a refueling which began on March 3, 1997. The unit began operation on April 16. The plant shutdown as scheduled the next day for a Turbine overspeed test returning to power the next day. The unit reached 100% power on April 21 and remained at that level for the remainder of the month.

During the filling and venting process for the reactor coolant system after the refueling outage a one minute run of the 3A RCP was conducted. At 1:50 a.m on April 1, 1997, the Overpressure Mitigating System (OMS) High Pressure Alert annunciated at 400 psig. The running charging pump was immediately stopped. Position indication change or annunciation of a power operated relief valve (PORV) Opening was not observed. However, the operators did hear the relays changing state, indicating an OMS actuation. The OMS system operated as designed, with PORV (or PORVs) lifting at about 415 psig.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 251
UNIT Turkey Point #4
DATE May 07, 1997
COMPLETED BY J. E. Knorr
TELEPHONE (305) 246 - 6757

MONTH April, 1997

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
04/01/97	712
04/02/97	718
04/03/97	721
04/04/97	721
04/05/97	720
04/06/97	717
04/07/97	714
04/08/97	707
04/09/97	706
04/10/97	709
04/11/97	715
04/12/97	713
04/13/97	708
04/14/97	702
04/15/97	704
04/16/97	710
04/17/97	714
04/18/97	720
04/19/97	724
04/20/97	720
04/21/97	717
04/22/97	711
04/23/97	309
04/24/97	0
04/25/97	0
04/26/97	26
04/27/97	534
04/28/97	706
04/29/97	708
04/30/97	708



UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 251
 UNIT NAME: Turkey Point # 4
 DATE: May 09, 1997
 COMPLETED BY: J. E. Knorr
 TELEPHONE: (305) 246-6757

REPORT MONTH APRIL 1997

No.	Date	Type 1	Duration (Hours)	Reason 2	Method of Shutting Down Reactor 3	Licensee Event Report #	System Code 4	Component Code 5	Cause and Corrective Action to Prevent Recurrence:
00001041	04/23/97	F	22.1	H	3	97 - 02	HA	INSTRU	Reactor trip due to loss of turbine load, caused by worker bumping a relay
00001042	04/24/97	F	56.8	A	4	N/A	CB	VALVEX	Repair of letdown valve leak

1. F Forced
S Scheduled

2. A - Equipment Failure (Explain)
 B - Maintenance or test
 C - Refueling
 D - Regulatory Restriction
 E - Operator Training License Examination
 F - Administrative
 G - Operational Error (Explain)
 H - Other (Explain)

3. 1 - Manual
 2 - Manual Scram
 3 - Automatic Scram
 4 - Continued
 5 - Load Reduction
 9 - Other (Explain)

4. Exhibit G - Instructions for
 Preparation of Data Entry
 Sheets Licensee Event Report
 (LER) File (NUREG-0161)
 5. Exhibit I - Same Source

OPENING DATA REPORT

DOCKET NO 50 - 251
 DATE 05/07/97
 PREPARED BY J. E. Knorr
 TELEPHONE (305) 246-6757

OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 4
2. REPORTING PERIOD: April, 1997
3. LICENSED THERMAL POWER (MWT) : _____ 2300
4. NAMEPLATE RATING (GROSS MWE) : _____ 760
5. DESIGN ELECTRICAL RATING (NET MWE) : _____ 720
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE) : _____ 726
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE) : _____ 693
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS NUMBER 3 THROUGH 7) SINCE LAST REPORT,
 GIVE REASONS :
9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE)
10. RESONS FOR RESTRICTION, IF ANY :

	MONTHLY	- YTD -	CUMULATIVE
11. HOURS IN REPORT PERIOD : _____	719.0	2879.0	207652.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	645.0	2805.0	142243.8
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	166.6
14. HOURS GENERATOR ON-LINE _____	640.2	2791.8	138009.1
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	577.2
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1446847	6349380	292841575
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	469838	2074975	93713361
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	446835	1980722	88775863
19. UNIT SERVICE FACTOR _____	89.0	97.0	66.5
20. UNIT AVAILABILITY FACTOR _____	89.0	97.0	66.7
21. CAPACITY FACTOR (USING MDC NET) _____	89.7	99.3	65.0
22. CAPACITY FACTOR (USING DER NET) _____	86.3	95.6	62.5
23. UNIT FORCED OUTAGE RATE _____	11.0	3.0	9.8

24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :

Refueling Outage Scheduled for September

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP : _____



10/10/10

10/10/10

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-251
UNIT: Turkey Point #4
DATE: May 1, 1997
COMPLETE BY: J. E. Knorr
TELEPHONE: 305)246-6757

REPORT MONTH APRIL 1997

Unit 4 began the month of April operating at essentially 100% reactor power and operated at that level until April 23, 1997. On April 23, due to an inadvertent actuation of the turbine overspeed protection the reactor tripped on over temperature delta T from 100% power. On April 23, maintenance was being performed which disabled turbine stop valve control panel indication. Due to lack of turbine valve position indication at the time of the trip, control room operators procedurally closed the main steam isolation valves (MSIVs). As a result of this trip and the closure of MSIVs, three main steam code safety valves lifted at their set point of 1085 psig and the two pressurizer power operated relief valves also lifted at 2335 psig. The plant was returned to power operation on April 26 and reached 100% power on April 27, 1997. Unit 4 remained at essentially 100% reactor power for the remainder of the month.



Age Group	Percentage of Respondents
18-29	65%
30-49	75%
50-69	80%
70+	85%

1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 26