



Prairie Island Nuclear Generating Plant  
Operated by Nuclear Management Company, LLC

July 11, 2003

L-PI-03-066  
Technical Specification 5.6.4

U S Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 20555

PRAIRIE ISLAND NUCLEAR GENERATING PLANT  
DOCKETS. 50-282 AND 50-306  
LICENSE NOS. DPR-42 AND DPR-60  
MONTHLY OPERATING REPORT- JUNE 2003

Attached is the Monthly Operating Report for June 2003 for the Prairie Island Nuclear Generating Plant. The Nuclear Management Company has not made new or revised existing Nuclear Regulatory Commission commitments in this letter or the attachment.

Joseph M. Solymossy  
Site Vice President, Prairie Island Nuclear Generating Plant

CC Regional Administrator, USNRC, Region III  
Project Manager, Prairie Island Nuclear Generating Plant, USNRC, NRR  
NRC Resident Inspector, Prairie Island Nuclear Generating Plant  
Glenn Wilson, State of Minnesota

Attachment: NRC Monthly Report; June, 2003

IE24

## Page 1

DOCKET NO. 50-282  
UNIT PRAIRIE ISLAND NO. 1  
DATE 7/2/2003  
COMPLETED BY DALE DUGSTAD  
PHONE 851-388-1121-4376

## MOVING AHEAD

During the month of June, Unit 1 was base loaded. There were no shutdowns or power reductions.

**SCHUBERT**

100-443886-100

**There are no other items to report.**

**THESE ARE THE ONLY CARS TO REPORT**

10/20/2014 10:00 AM 10/20/2014 10:00 AM 10/20/2014 10:00 AM

1. <i>Aspergillus fumigatus</i>	100%	50%
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U.S. GOVERNMENT PRINTING OFFICE: 1967 O 348-727

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

4.2. **CONTOURING** *Contouring* is the process of

**CURRENT CONTINUOUS OPERATING RUN OF 71 DAYS**

# NRC MONTHLY REPORT

PRINTED 7/2/2003

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DOCKET NO. 60-282  
UNIT PRAIRIE ISLAND NO. 1  
DATE 7/2/2003  
COMPLETED BY DALE DUGSTAD  
PHONE 651-388-1121-4378

## OPERATING DATA REPORT

### OPERATING STATUS:

1. UNIT NAME: PRAIRIE ISLAND NO. 1
2. REPORTING PERIOD: JUNE 2003
3. LICENSED THERMAL POWER (MWT): 1650
4. NAMEPLATE RATING (GROSS MWE): 593
5. DESIGN ELECTRICAL RATING (NET MWE): 536
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 554
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 522
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 - 7) SINCE LAST REPORT, GIVE REASON:  
NONE
9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE): NONE
10. REASONS FOR RESTRICTIONS, IF ANY: NONE

	THIS MONTH	YR-TO-DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	720	4343	258935
12. NUMBER OF HOURS REACTOR CRITICAL	720.0	4343.0	224562.4
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	5571.1
14. HOURS GENERATOR ON-LINE	720.0	4202.6	222446.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1181712	6876527	355162305
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	397700	2386190	118192120
18. NET ELECTRICAL ENERGY GENERATED (MWH)	374330	2240135	111303876
19. UNIT SERVICE FACTOR	100.0	96.8	85.9
20. UNIT AVAILABILITY FACTOR	100.0	96.8	85.9
21. UNIT CAPACITY FACTOR ( MDC NET)	99.6	96.8	84.6
22. UNIT CAPACITY FACTOR ( DER NET)	97.0	96.2	80.9
23. UNIT FORCED OUTAGE RATE	0.0	0.2	4.5
24. FORCED OUTAGE HOURS	0.0	140.4	10603.1

UNIT FORCED

REASON FOR FORCED OUTAGE

2. REASON FOR

REASON FOR FORCED OUTAGE

3. REASON FOR

REASON FOR

4. REASON FOR FORCED OUTAGE

REASON FOR

5. REASON FOR FORCED OUTAGE

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6. REASON FOR FORCED OUTAGE

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7. REASON FOR

8. REASON FOR

9. REASON FOR

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PRINTED 7/2/2003

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DOCKET NO. 50-282  
UNIT PRAIRIE ISLAND NO. 1

DATE 7/2/2003

COMPLETED BY DALE DUGSTAD  
PHONE 851-388-1121-4376

## UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: JUNE 2003

MONTH: JUNE 2003

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
6/30/2003	1	N/A	0			N/A	N/A	N/A

NOTES: None.

### TYPE

F-FORCED

S-SCHEDULED

### REASON

A-EQUIPMENT FAILURE

B-MAINTENANCE OR TEST

C-REFUELING

D-REGULATORY RESTRICTION

E-OPERATOR TRAINING AND  
LICENSE EXAMINATION

F-ADMINISTRATIVE

G-OPERATIONAL ERROR

H-OTHER

### METHOD

1-MANUAL

2-MANUAL TRIP

3-AUTO TRIP

4-CONTINUED

5-REDUCED LOAD

6-OTHER

### SYSTEM CODE

DRAFT IEEE STD

600-1984(P005-D5)

### COMPONENT CODE

IEEE STD 603A-1963

**DOCKET NO. 60-306**  
**UNIT PRAIRIE ISLAND NO. 2**  
**DATE 7/2/2003**  
**COMPLETED BY DALE DUGSTAD**  
**PHONE 651-388-1121-4376**

**NARRATIVE SUMMARY OF OPERATING EXPERIENCE**

**MONTH: JUNE 2003**

**OPERATING STATUS**

**During the month of June, Unit 2 was base loaded. There were no shutdowns or power reductions.**

**VE. PRAIRIE ISLAND NO. 2**

**1. PLANT OPERATIONS**

**2. LICENSED PERSONNEL**

**3. PLANT SAFETY PROGRAM**

**4. PLANT SAFETY RECORD**

**5. PLANT SAFETY RECORD**

**6. PLANT SAFETY RECORD**

**7. PLANT SAFETY RECORD**

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**47. PLANT SAFETY RECORD**

**48. PLANT SAFETY RECORD**

**49. PLANT SAFETY RECORD**

**50. PLANT SAFETY RECORD**

UNIT	PLANT	SAFETY
1	100	100
2	100	100
3	100	100
4	100	100
5	100	100
6	100	100
7	100	100
8	100	100
9	100	100
10	100	100
11	100	100
12	100	100
13	100	100
14	100	100
15	100	100
16	100	100
17	100	100
18	100	100
19	100	100
20	100	100
21	100	100
22	100	100
23	100	100
24	100	100
25	100	100
26	100	100
27	100	100
28	100	100
29	100	100
30	100	100
31	100	100
32	100	100
33	100	100
34	100	100
35	100	100
36	100	100
37	100	100
38	100	100
39	100	100
40	100	100
41	100	100
42	100	100
43	100	100
44	100	100
45	100	100
46	100	100
47	100	100
48	100	100
49	100	100
50	100	100

**CURRENT CONTINUOUS OPERATING RUN OF 485 DAYS**

# NRC MONTHLY REPORT

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DOCKET NO. 80-306  
UNIT PRAIRIE ISLAND NO. 2  
DATE 7/2/2003  
COMPLETED BY DALE DUGSTAD  
PHONE 651-388-1121-4376

## OPERATING DATA REPORT

### OPERATING STATUS

1. UNIT NAME: PRAIRIE ISLAND NO. 2
2. REPORTING PERIOD: JUNE 2003
3. LICENSED THERMAL POWER (MWT): 1650
4. NAMEPLATE RATING (GROSS MWE): 593
5. DESIGN ELECTRICAL RATING (NET MWE): 536
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 554
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 522
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 - 7) SINCE LAST REPORT, GIVE REASON:  
NONE
9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE): NONE
10. REASONS FOR RESTRICTIONS, IF ANY: NONE

	<u>THIS MONTH</u>	<u>YR-TO-DATE</u>	<u>CUMULATIVE</u>
11. HOURS IN REPORTING PERIOD	720	4343	250053
12. NUMBER OF HOURS REACTOR CRITICAL	720.0	4343.0	222447.2
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1516.1
14. HOURS GENERATOR ON-LINE	720.0	4343.0	220754.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1183846	7109187	353520271
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	398810	2443650	116790460
18. NET ELECTRICAL ENERGY GENERATED (MWH)	375711	2318227	110448130
19. UNIT SERVICE FACTOR	100.0	100.0	88.3
20. UNIT AVAILABILITY FACTOR	100.0	100.0	88.3
21. UNIT CAPACITY FACTOR (MDC NET)	100.0	102.3	87.3
22. UNIT CAPACITY FACTOR (DER NET)	97.4	99.8	83.2
23. UNIT FORCED OUTAGE RATE	0.0	0.0	2.8
24. FORCED OUTAGE HOURS	0.0	0.0	6390.7

REMARKS

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# NRC MONTHLY REPORT

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DOCKET NO. 60-306  
UNIT PRAIRIE ISLAND NO. 2  
DATE 7/2/2003  
COMPLETED BY DALE DUGSTAD  
PHONE 651-388-1121-4376

## UNIT SHUTDOWNS AND POWER REDUCTIONS

MONTH: JUNE 2003

DATE	UNIT	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT
6/30/2003	2	N/A	0			N/A	N/A	N/A
NOTES: None.								

### TYPE

F-FORCED

S-SCHEDULED

### REASON

A-EQUIPMENT FAILURE

B-MAINTENANCE OR TEST

C-REFUELING

D-REGULATORY RESTRICTION

E-OPERATOR TRAINING AND  
LICENSE EXAMINATION

F-ADMINISTRATIVE

G-OPERATIONAL ERROR

H-OTHER

### METHOD

1-MANUAL

2-MANUAL TRIP

3-AUTO TRIP

4-CONTINUED

5-REDUCED LOAD

6-OTHER

### SYSTEM CODE

DRAFT IEEE STD

800-1984(P605-D6)

### COMPONENT CODE

IEEE STD 803A-1983