ATTACHMENT

Consumers Power Company
Big Rock Point Plant
Docket 50-155

PROPOSED TECHNICAL SPECIFICATION PAGE CHANGES

August 16, 1985

2 Pages

TABLE 1

	Reloads F & Modified F	Reload G Including G13/G14	Reload G1U	Reload G3/G4/H1/ H2/H3/H4	Reload I1
Minimum Critical Power Ratio at Normal Operation Conditions*	1.59	1.59	1.59	1.59	1.59
Minimum Bundle Dryout Time**	Figure 1	-	-	-	-
Maximum Heat Flux at Overpower, Btu/h-Ft^2	500,000	395,000	407,000	392,900	392,900
Maximum Steady-State Heat Flux, Btu/h-ft^2	410,000	324,000	333,600	322,100	322,100
Maximum Average Planar Linear Heat Generation Rate, Steady State, kW/Ft***	Table 2	Table 2	Table 2	Table 2	Table 2
Maximum Bundle Power, MW_t	Fig. 2 x 0.95	Fig. 2	Fig. 2	Fig. 2	Fig. 2
Stability Criterion: Max. Measured Zero-to-Peak Flux Amplitude, Percent of Average Operating Flux	20	20	20	20	20
Maximum Steady-State Power Level, MW_t	240	240	240	240	240
Maximum Value of Average Core Power Density @ 240 MW_t, kW/L	46	46	46	46	46
Nominal Reactor Pressure During Steady-State Power Operation, Psig	1,335	1,335	1,335	1,335	1,335
Minimum Recirculation Flow Rate Lb/h	6×10^6	6×10^6	6×10^6	6×10^6	6×10^6
Rate of Change of Reactor Power During Power Operation:					

Control rod withdrawal during power operation shall be such that the average rate of change of reactor power is less than 50 MW_t per minute when power is less than 120 MW_t, less than 20 MW_t per minute when power is between 120 MW_t and 200 MW_t, and 10 MW_t per minute when power is between 200 MW_t and 240 MW_t.

*The bundle Minimum Critical Power Ratio (MCPR), based on the Exxon Nuclear Corporation XN-2 Critical Power Correlation, must be above this value.

**The actual dry out time for GE 9x9 fuel (based on the General Electric Dryout Correlation for Nonjet Pump Boiling Water Reactors, NEDE-20566) should be above the dryout time shown in Figure 1.

***For operation with only one recirculation loop in service these limits shall be reduced by 5 percent for Reload F and Modified F and reduced by 20 percent for other fuel types.

Proposed

TABLE 2
MAPLHGR (KW/FT) LIMITS

Planar Average Exposure (MWD/STM)	Reload Modified F	Reload F	Reload G	Reload G1U	Reload G3/G4/ H1	Reload H2	Reload H3/H4	Reconstituted G13/G14	Reload I1
0	-	-	-	-	7.21	7.0	6.77	-	6.92
200	9.5	9.4	-	-	-	-	-	-	7.28
360	-	-	-	-	7.62	-	-	-	-
1,000	-	-	-	-	7.95	7.8	7.56	-	7.65
1,630	-	-	-	7.56	7.81	-	-	-	-
3,810	-	-	-	7.57	-	-	-	-	-
3,900	-	-	-	-	7.65	-	-	-	7.95
5,000	9.9	9.7	-	-	-	-	-	-	-
6,440	-	-	7.28	-	-	-	-	-	-
6,620	-	-	-	7.50	7.48	7.48	7.48	-	7.89
10,000	9.9	9.7	-	-	-	-	-	-	-
12,880	-	-	7.17	-	-	-	-	-	-
13,520	-	-	-	-	7.49	-	-	-	8.00
13,610	-	-	-	7.56	-	-	-	-	-
15,000	9.8	9.6	-	-	-	-	-	-	-
19,050	-	-	7.11	-	-	-	-	-	7.89
20,000	8.7	8.6	-	-	-	-	-	-	-
20,320	-	-	-	-	7.56	7.56	7.56	-	-
20,870	-	-	-	7.78	-	-	-	-	7.76
24,580	-	-	6.84	-	-	-	-	-	-
25,000	8.4	8.3	-	-	-	-	-	-	-
26,400	-	-	-	-	7.32	7.32	7.32	-	7.19
26,760	-	-	-	7.64	-	-	-	-	-
28,210	-	-	6.08	-	-	-	-	-	-
30,000	7.4	7.3	-	-	-	-	-	6.0	6.97
31,210	-	-	-	-	6.73	6.73	6.73	-	-
32,000	7.0	6.9	-	-	-	-	-	6.0	-
33,020	-	-	-	7.12	-	-	-	-	6.81
33,380	-	-	-	-	6.69	6.69	6.69	-	-
34,000	6.5	6.5	-	-	-	-	-	6.0	-
34,470	-	-	5.73	-	-	-	-	-	6.73
36,000	6.2	6.1	-	-	-	-	-	6.0	-
36,290	-	-	5.73	-	-	-	-	-	-
38,000	-	-	-	-	-	-	-	6.0	-
40,000	-	-	-	-	-	-	-	6.0	-
41,400	-	-	-	-	-	-	-	6.0	-

Proposed