



Richard B. Abbott
Vice President
Nuclear Engineering

Phone: 315.349.1812
Fax: 315.349.4417

April 27, 2000
NMP2L 1957

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

RE: Nine Mile Point Unit 2
Docket No. 50-410
NPF-69

Subject: Submittal of Core Operating Limits Report, Revision 0, for Cycle 8

Gentlemen:

Enclosed is a copy of the Core Operating Limits Report (COLR2, Revision 0) for Cycle 8 for Nine Mile Point Unit 2. This report is being submitted to the NRC in compliance with Technical Specification 6.9.1.9.d.

Very truly yours,

A handwritten signature in cursive script that reads "Richard B. Abbott".

Richard B. Abbott
Vice President Nuclear Engineering

RBA/IAA/tmk
Enclosure

xc: Mr. H. J. Miller, NRC Regional Administrator, Region I
Ms. M. K. Gamberoni, Acting Section Chief PD-I, Section 1, NRR
Mr. G. K. Hunegs, NRC Senior Resident Inspector
Mr. P. S. Tam, Senior Project Manager, NRR
Records Management

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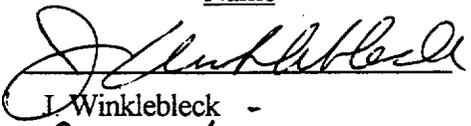
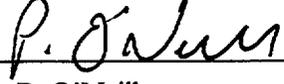
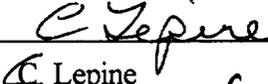
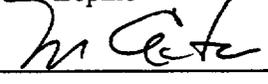
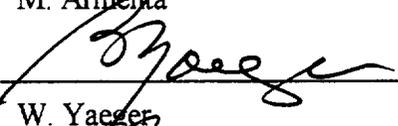
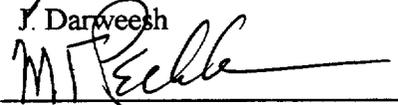
NINE MILE POINT UNIT 2

CORE OPERATING LIMITS REPORT

CONTROLLED

Document No.: -COLR2

Revision 0, Cycle 8

	<u>Name</u>	<u>Title</u>	<u>Date</u>
Prepared by:	 I. Winklebleck	Fuel Engineer	1/13/00
Checked by:	 P. O'Neill	Fuel Engineer	1/17/00
Independently Reviewed by:	 C. Lepine	Fuel Engineer	2/3/00
Approved by:	 M. Armenta	Supervisor, Fuels	2/7/00
Approved by:	 W. Yaeger	Manager, Engineering Services	2/7/00
Approved by:	 J. Darweesh	Supervisor, Reactor Engineering	2/18/00
Approved by:	 M. Peckham	Plant Manager, Unit 2	2/24/00
SORC Chairman Approval	 M. Peckham		2/24/00

This NMPC Controlled Document provides cycle specific core operating limits for use in conjunction with the Nine Mile Point Unit 2 Technical Specifications. Document pages may only be changed through a reissue of the entire document. This COLR must be signed by the Plant Manager to be valid.

NINE MILE POINT UNIT 2
CORE OPERATING LIMITS REPORT

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NOTE: The APRM setpoints previously in Section 6.0 have been relocated to the SAR.

NINE MILE POINT UNIT 2
LIMITING CONDITION FOR OPERATION

1.0 AVERAGE PLANAR LINEAR HEAT GENERATION RATE (APLHGR)

1.1 Limits for Technical Specification 3.2.1

During Operational Condition 1, when thermal power is greater than or equal to 25% of rated thermal power, the APLHGR(s) for each type of fuel as a function of AVERAGE PLANAR EXPOSURE shall not exceed the limits shown in Tables 1a, 1b, 1c, 1d, 1e, and 1f.

The limits of Tables 1a, 1b, 1c, 1d, 1e, 1f, and 1g shall be reduced to a value of .78 times the two recirculation loop operation limit when in single recirculation loop operation.

NOTE: When hand calculations are required, the APLHGR for fuel types P9CUB349, P9CUB375, P9CUB414, P9CUB413, and P9CUB407-2382 and P9CUB407-2383 as a function of average planar exposure shall not exceed the limits shown in Table 1g during two recirculation loop operation.

Table 1a

NINE MILE POINT UNIT 2

MAPLHGR VERSUS AVERAGE PLANAR EXPOSURE
Bundle Type: GE11-P9CUB349-10GZ1-120M-146-T (GE11)

Average Planar Exposure, GwD/ST	MAPLHGR Limits (kw/ft)				
	Lattice 1941	Lattice 1942	Lattice 1943	Lattice 1944	Lattice 1723 and 1945
0.00	11.41	11.62	11.11	11.35	12.83
0.20	11.46	11.67	11.17	11.40	12.77
1.00	11.58	11.78	11.31	11.53	12.61
2.00	11.75	11.93	11.52	11.72	12.56
3.00	11.93	12.10	11.74	11.93	12.57
4.00	12.09	12.24	11.98	12.15	12.60
5.00	12.25	12.39	12.23	12.38	12.63
6.00	12.42	12.53	12.49	12.63	12.67
7.00	12.59	12.61	12.73	12.84	12.70
8.00	12.73	12.69	12.78	12.90	12.72
9.00	12.83	12.78	12.82	12.92	12.74
10.00	12.89	12.87	12.85	12.93	12.75
12.50	12.84	12.86	12.77	12.80	12.62
15.00	12.48	12.49	12.39	12.40	12.24
17.50	12.12	12.13	12.00	12.00	11.84
20.00	11.76	11.76	11.61	11.61	11.45
25.00	11.03	11.03	10.84	10.84	10.66
30.00	10.31	10.31	10.10	10.10	9.88
35.00	9.59	9.60	9.40	9.41	9.11
40.00	8.89	8.90	8.75	8.75	8.34
45.00	8.20	8.21	8.12	8.13	7.58
50.00	7.51	7.51	7.51	7.52	6.82
55.00	6.81	6.81	6.89	6.90	6.06
55.45	---	---	---	---	5.99
57.39	---	---	6.58	---	
57.45	---	---		6.59	
57.66	---	6.43			
57.71	6.43				

NOTE: A "-" indicates that there is no entry for this box and the limit can be determined by linearly interpolating between the previous and next point in each column. MAPLHGRs are interpolated between exposure points for which explicit values are given. The exposure for the last MAPLHGR listed for a lattice is the maximum allowed nodal exposure for that lattice.

Table 1b

NINE MILE POINT UNIT 2

MAPLHGR VERSUS AVERAGE PLANAR EXPOSURE
Bundle Type: GE11-P9CUB375-12GZ-120T-146-T (GE11)

Average Planar Exposure, GWd/ST	MAPLHGR Limits (kw/ft)					
	Lattice 2275	Lattice 2270	Lattice 2271	Lattice 2272	Lattice 2273	Lattice 2274
0.00	12.78	11.34	11.57	11.12	11.37	13.38
0.20	12.72	11.39	11.61	11.18	11.42	13.35
1.00	12.55	11.49	11.68	11.29	11.52	13.26
2.00	12.49	11.63	11.76	11.46	11.67	13.23
3.00	12.49	11.78	11.85	11.64	11.84	13.24
4.00	12.52	11.94	11.94	11.83	11.97	13.27
5.00	12.55	12.02	12.03	12.02	12.07	13.29
6.00	12.58	12.11	12.12	12.13	12.17	13.32
7.00	12.60	12.20	12.21	12.24	12.27	13.34
8.00	12.63	12.30	12.31	12.36	12.38	13.35
9.00	12.64	12.39	12.41	12.48	12.49	13.36
10.00	12.65	12.49	12.52	12.61	12.61	13.37
12.50	12.51	12.52	12.55	12.71	12.70	13.33
15.00	12.12	12.37	12.38	12.55	12.55	12.94
17.50	11.73	12.09	12.10	12.26	12.26	12.54
20.00	11.33	11.73	11.74	11.93	11.93	12.15
25.00	10.54	11.00	11.01	11.21	11.22	11.36
30.00	9.76	10.28	10.29	10.44	10.46	10.59
35.00	8.99	9.56	9.57	9.70	9.71	9.82
40.00	8.22	8.85	8.85	8.98	8.99	9.06
45.00	7.46	8.14	8.15	8.28	8.29	8.30
50.00	6.70	7.45	7.45	7.61	7.61	7.54
54.96	5.94	---	---	---	---	---
55.00	---	6.75	6.74	6.94	6.94	6.79
57.43	---	---	6.40	---	---	---
57.56	---	6.39	---	---	---	---
58.27	---	---	---	---	6.50	---
58.32	---	---	---	---	---	6.28
58.41	---	---	---	6.48	---	---

NOTE: A "-" indicates that there is no entry for this box and the limit can be determined by linearly interpolating between the previous and next point in each column. MAPLHGRs are interpolated between exposure points for which explicit values are given. The exposure for the last MAPLHGR listed for a lattice is the maximum allowed nodal exposure for that lattice.

Table 1c

NINE MILE POINT UNIT 2

MAPLHGR VERSUS AVERAGE PLANAR EXPOSURE
Bundle Type: GE11-P9CUB413-12GZ-120T-146-T (GE11)

Average Planar Exposure, Gwd/ST	MAPLHGR Limits (kw/ft)			
	Lattice 2275	Lattice 2545	Lattice 2549	Lattice 2274
0.00	12.78	11.43	11.45	13.38
0.20	12.72	11.46	11.49	13.35
1.00	12.55	11.53	11.57	13.26
2.00	12.49	11.61	11.68	13.23
3.00	12.49	11.69	11.78	13.24
4.00	12.52	11.77	11.89	13.27
5.00	12.55	11.86	12.01	13.29
6.00	12.58	11.94	12.12	13.32
7.00	12.60	12.03	12.24	13.34
8.00	12.63	12.11	12.36	13.35
9.00	12.64	12.20	12.48	13.36
10.00	12.65	12.29	12.60	13.37
12.50	12.51	12.26	12.65	13.33
15.00	12.12	12.11	12.44	12.94
17.50	11.73	11.90	12.13	12.54
20.00	11.33	11.61	11.80	12.15
25.00	10.54	10.98	11.09	11.36
30.00	9.76	10.36	10.28	10.59
35.00	8.99	9.75	9.51	9.82
40.00	8.22	9.12	8.79	9.06
45.00	7.46	8.42	8.11	8.30
50.00	6.70	7.75	7.47	7.54
54.96	5.94	---	---	---
55.00	---	7.09	6.84	6.79
58.06	---	6.64	---	---
58.32	---	---	---	6.28
58.66	---	---	6.46	---

NOTE: A "-" indicates that there is no entry for this box and the limit can be determined by linearly interpolating between the previous and next point in each column. MAPLHGRs are interpolated between exposure points for which explicit values are given. The exposure for the last MAPLHGR listed for a lattice is the maximum allowed nodal exposure for that lattice.

Table 1d

NINE MILE POINT UNIT 2

MAPLHGR VERSUS AVERAGE PLANAR EXPOSURE
Bundle Type: GE11-P9CUB414-13GZ-120T-146-T (GE11)

Average Planar Exposure, GWd/ST	MAPLHGR Limits (kw/ft)				
	Lattice 2275	Lattice 2545	Lattice 2546	Lattice 2547	Lattice 2548
0.00	12.78	11.43	11.25	11.41	13.40
0.20	12.72	11.46	11.30	11.45	13.39
1.00	12.55	11.53	11.39	11.52	13.30
2.00	12.49	11.61	11.50	11.61	13.27
3.00	12.49	11.69	11.62	11.71	13.28
4.00	12.52	11.77	11.74	11.80	13.30
5.00	12.55	11.86	11.87	11.90	13.33
6.00	12.58	11.94	11.99	12.01	13.35
7.00	12.60	12.03	12.10	12.11	13.37
8.00	12.63	12.11	12.21	12.22	13.38
9.00	12.64	12.20	12.32	12.33	13.39
10.00	12.65	12.29	12.44	12.44	13.40
12.50	12.51	12.26	12.48	12.49	13.36
15.00	12.12	12.11	12.36	12.36	12.97
17.50	11.73	11.90	12.11	12.12	12.57
20.00	11.33	11.61	11.79	11.80	12.17
25.00	10.54	10.97	11.08	11.08	11.39
30.00	9.76	10.22	10.28	10.28	10.62
35.00	8.99	9.47	9.51	9.51	9.85
40.00	8.22	8.72	8.79	8.79	9.09
45.00	7.46	7.97	8.11	8.11	8.33
50.00	6.70	7.23	7.46	7.43	7.57
54.96	5.94	---	---	---	---
55.00	---	6.49	6.84	6.71	6.81
57.19	---	6.17	---	---	---
58.28	---	---	---	6.24	---
58.42	---	---	---	---	6.29
58.58	---	---	6.47	---	---

NOTE: A "-" indicates that there is no entry for this box and the limit can be determined by linearly interpolating between the previous and next point in each column. MAPLHGRs are interpolated between exposure points for which explicit values are given. The exposure for the last MAPLHGR listed for a lattice is the maximum allowed nodal exposure for that lattice.

Table 1e

NINE MILE POINT UNIT 2

MAPLHGR VERSUS AVERAGE PLANAR EXPOSURE
Bundle Type: GE11-P9CUB407-14GZ-120T-146-T-2382 (GE11)

Average Planar Exposure, GWd/ST	MAPLHGR Limits (kw/ft)				
	Lattice 2887	Lattice 2888	Lattice 2889	Lattice 2890	Lattice 2891
0.00	12.76	10.97	11.19	11.10	13.38
0.20	12.69	11.02	11.23	11.14	13.35
1.00	12.52	11.10	11.30	11.23	13.26
2.00	12.46	11.19	11.39	11.33	13.23
3.00	12.46	11.29	11.48	11.44	13.24
4.00	12.49	11.38	11.57	11.54	13.27
5.00	12.52	11.48	11.66	11.64	13.29
6.00	12.55	11.58	11.75	11.75	13.32
7.00	12.58	11.69	11.84	11.86	13.34
8.00	12.60	11.79	11.93	11.97	13.36
9.00	12.62	11.90	12.03	12.09	13.37
10.00	12.63	12.00	12.13	12.21	13.37
12.50	12.48	11.96	12.10	12.25	13.33
15.00	12.09	11.84	11.98	12.17	12.94
17.50	11.70	11.71	11.80	11.96	12.54
20.00	11.30	11.49	11.52	11.65	12.14
25.00	10.51	10.89	10.90	11.00	11.36
30.00	9.73	10.27	10.28	10.36	10.58
35.00	8.95	9.65	9.66	9.64	9.82
40.00	8.19	9.02	9.03	8.93	9.05
45.00	7.43	8.38	8.39	8.24	8.29
50.00	6.66	7.70	7.71	7.58	7.53
54.80	5.93	---	---	---	---
55.00	---	6.99	7.01	6.93	6.77
57.55	---	6.62	---	---	---
57.64	---	---	6.62	---	---
57.97	---	---	---	6.62	---
58.26	---	---	---	---	6.28

NOTE: A "-" indicates that there is no entry for this box and the limit can be determined by linearly interpolating between the previous and next point in each column. MAPLHGRs are interpolated between exposure points for which explicit values are given. The exposure for the last MAPLHGR listed for a lattice is the maximum allowed nodal exposure for that lattice.

Table 1f

NINE MILE POINT UNIT 2

MAPLHGR VERSUS AVERAGE PLANAR EXPOSURE
Bundle Type: GE11-P9CUB407-14GZ-120T-146-T-2383 (GE11)

Average Planar Exposure, GWd/ST	MAPLHGR Limits (kw/ft)				
	Lattice 2887	Lattice 2888	Lattice 2892	Lattice 2893	Lattice 2891
0.00	12.76	10.97	11.03	10.93	13.38
0.20	12.69	11.02	11.08	10.98	13.35
1.00	12.52	11.10	11.17	11.08	13.26
2.00	12.46	11.19	11.28	11.21	13.23
3.00	12.46	11.29	11.40	11.35	13.24
4.00	12.49	11.38	11.51	11.49	13.27
5.00	12.52	11.48	11.63	11.62	13.29
6.00	12.55	11.58	11.74	11.74	13.32
7.00	12.58	11.69	11.84	11.86	13.34
8.00	12.60	11.79	11.94	11.98	13.36
9.00	12.62	11.90	12.03	12.10	13.37
10.00	12.63	12.00	12.13	12.22	13.37
12.50	12.48	11.96	12.10	12.26	13.33
15.00	12.09	11.84	11.98	12.17	12.94
17.50	11.70	11.71	11.79	11.95	12.54
20.00	11.30	11.49	11.51	11.65	12.14
25.00	10.51	10.89	10.89	11.00	11.36
30.00	9.73	10.27	10.28	10.36	10.58
35.00	8.95	9.65	9.66	9.64	9.82
40.00	8.19	9.02	9.03	8.92	9.05
45.00	7.43	8.38	8.38	8.24	8.29
50.00	6.66	7.70	7.71	7.58	7.53
54.80	5.93	---	---	---	---
55.00	---	6.99	7.00	6.93	6.77
57.55	---	6.62	---	---	---
57.62	---	---	6.62	---	---
57.96	---	---	---	6.62	---
58.26	---	---	---	---	6.28

NOTE: A "-" indicates that there is no entry for this box and the limit can be determined by linearly interpolating between the previous and next point in each column. MAPLHGRs are interpolated between exposure points for which explicit values are given. The exposure for the last MAPLHGR listed for a lattice is the maximum allowed nodal exposure for that lattice.

Table 1g

NINE MILE POINT UNIT 2

MOST LIMITING MAPLHGR VERSUS AVERAGE PLANAR EXPOSURE

Average Planar Exposure, GWd/ST	MAPLHGR Limits (kw/ft)					
	P9CUB349 (GE11)	P9CUB375 (GE11)	P9CUB413 (GE11)	P9CUB414 (GE11)	P9CUB407- 2382 (GE11)	P9CUB407- 2383 (GE11)
0.00	11.11	11.12	11.43	11.25	10.97	10.93
0.20	11.17	11.18	11.46	11.30	11.02	10.98
1.00	11.31	11.29	11.53	11.39	11.10	11.08
2.00	11.52	11.46	11.61	11.50	11.19	11.19
3.00	11.74	11.64	11.69	11.62	11.29	11.29
4.00	11.98	11.83	11.77	11.74	11.38	11.38
5.00	12.23	12.02	11.86	11.86	11.48	11.48
6.00	12.42	12.11	11.94	11.94	11.58	11.58
7.00	12.59	12.20	12.03	12.03	11.69	11.69
8.00	12.69	12.30	12.11	12.11	11.79	11.79
9.00	12.78	12.39	12.20	12.20	11.90	11.90
10.00	12.85	12.49	12.29	12.29	12.00	12.00
12.50	12.77	12.52	12.26	12.26	11.96	11.96
15.00	12.39	12.37	12.11	12.11	11.84	11.84
17.50	12.00	12.09	11.90	11.90	11.71	11.71
20.00	11.61	11.73	11.61	11.61	11.49	11.49
25.00	10.84	11.00	10.98	10.97	10.89	10.89
30.00	10.10	10.28	10.28	10.22	10.27	10.27
35.00	9.40	9.56	9.51	9.47	9.64	9.64
40.00	8.75	8.85	8.79	8.72	8.93	8.92
45.00	8.12	8.14	8.11	7.97	8.24	8.24
50.00	7.51	7.45	7.47	7.23	7.58	7.58
55.00	6.81	6.74	6.84	6.49	6.93	6.93
57.19	---	---	---	6.17	---	---
57.39	6.47	---	---	---	---	---
57.43	---	6.40	---	---	---	---
57.55	---	---	---	---	6.62	6.62
58.06	---	---	6.52	---	---	---

NOTE: A "-" indicates that there is no entry for this box and the limit can be determined by linearly interpolating between the previous and next point in each column. MAPLHGRs are interpolated between exposure points for which explicit values are given. The exposure for the last MAPLHGR listed for a lattice is the maximum allowed nodal exposure for that lattice.

NINE MILE POINT UNIT 2
LIMITING CONDITION FOR OPERATION

2.0 AVERAGE POWER RANGE MONITOR SETPOINTS

2.1 Limits for Technical Specification 3.2.2 (APRM)

During OPERATIONAL CONDITION 1, when THERMAL POWER is greater than or equal to 25% of RATED THERMAL POWER, the Average Power Range Monitor (APRM) flow-biased simulated thermal power-upscale scram trip setpoint(s) shall be established according to the following relationship:

<u>Trip Setpoint</u>	<u>Allowable Value</u>
$S \leq (0.58 (W - \Delta W) + 59\%)T$	$S \leq (0.58 (W - \Delta W) + 62\%)T$

Where:

S is in percent of RATED THERMAL POWER

W = Loop Recirculation Flow as a Percentage of the loop recirculation flow which produces a rated core flow of 108.5 MLB/HR

T = The ratio FRACTION OF RATED THERMAL POWER divided by the CORE MAXIMUM FRACTION OF LIMITING POWER DENSITY

T is applied only if less than or equal to 1.0

ΔW is defined as the difference in indicated drive flow (in percent of drive flow which produces rated core flow) between two loop and single loop operation at the same core flow

$\Delta W = 0$ for two loop operation

$\Delta W = 5\%$ for single loop operation

2.2 Limits for Technical Specification Table 2.2.1-1 (OPRM Upscale)

TRIP SETPOINT and ALLOWABLE VALUE ≤ 1.15

NINE MILE POINT UNIT 2
LIMITING CONDITION FOR OPERATION

3.0 **MINIMUM CRITICAL POWER RATIO (ODYN OPTION B)**

3.1 **Limits for Technical Specification 3.2.3**

During Operational Condition 1, when thermal power is greater than or equal to 25% or rated thermal power, the Minimum Critical Power Ratio (MCPR) shall be equal to or greater than the appropriate MCPR limit from Figure 3a times the K(f) shown in Figure 3b with tau (or "τ") as defined in Technical Specification 3.2.3.

3.2 **Coefficients for Tau Equation, Technical Specification 3.2.3**

The following coefficients must be used with tau equation specified in Technical Specification 3.2.3:

$$\begin{aligned}x &= 0.672 \\y &= 1.65 \\z &= 0.016\end{aligned}$$

NOTE: The MCPR Operating Limits in Figure 3a are based on a 1.09 Safety Limit MCPR (SLMCPR) for two recirculation loop operation and a 1.10 Safety Limit MCPR for single loop operation.

The Operating Limit MCPR values for Turbine Bypass Out of Service and EOC-RPT Out of Service are higher (more limiting) than for the standard normal operation case, and are therefore specifically identified in Figure 3a. The OLMCPR values for all other analyzed EOOS transient events are bounded by the Normal Operation limits.

With a backup pressure regulator out of service, conservative thermal limits have been established as follows:

For thermal power < 90% of rated thermal power, maintain MFLCPR ≤ fraction of rated thermal power.

MFLCPR is the operating limit MCPR multiplied by the K(f) shown in figure 3b divided by the actual MCPR.

For thermal power ≥ 90% of rated thermal power normal thermal limits apply.

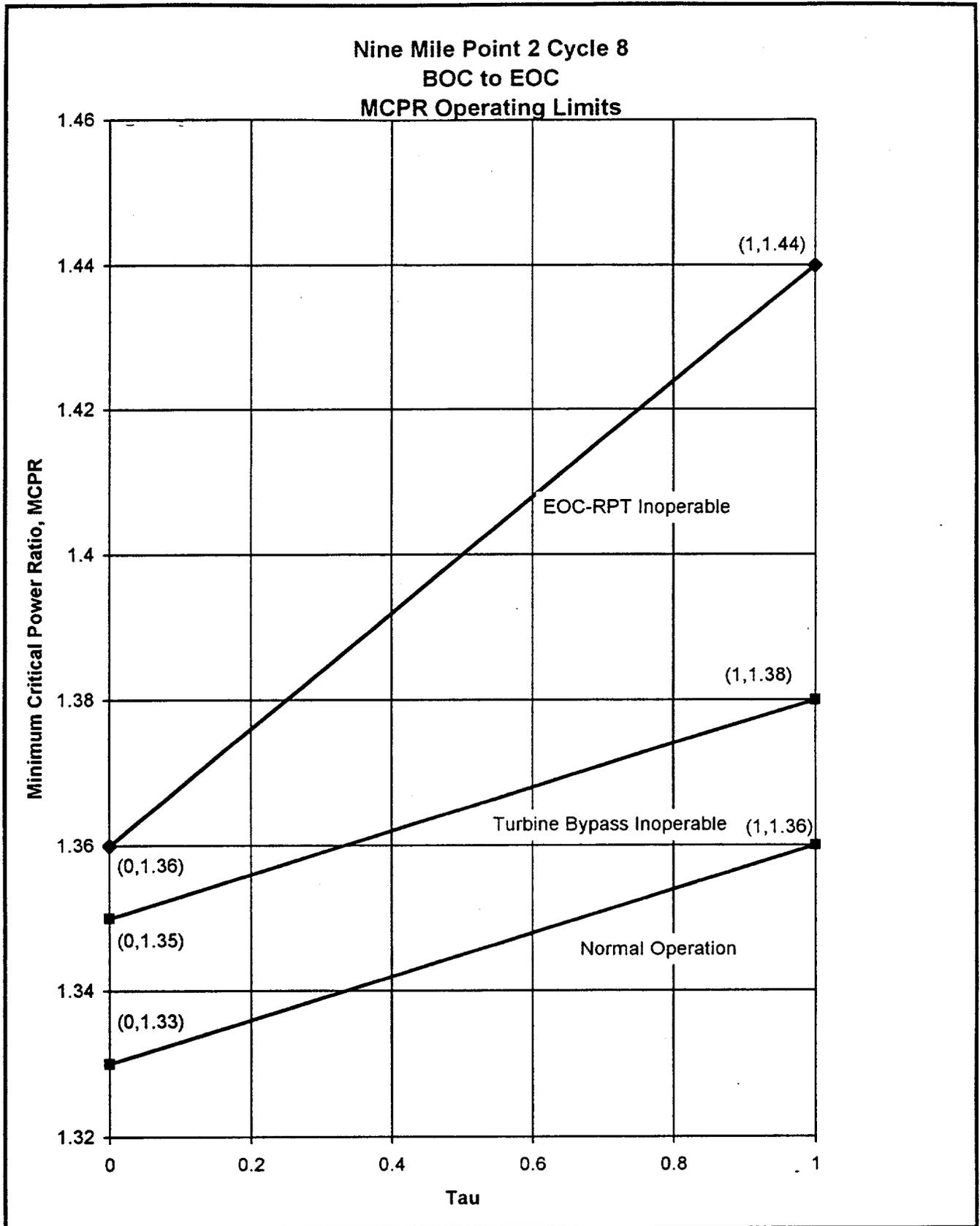
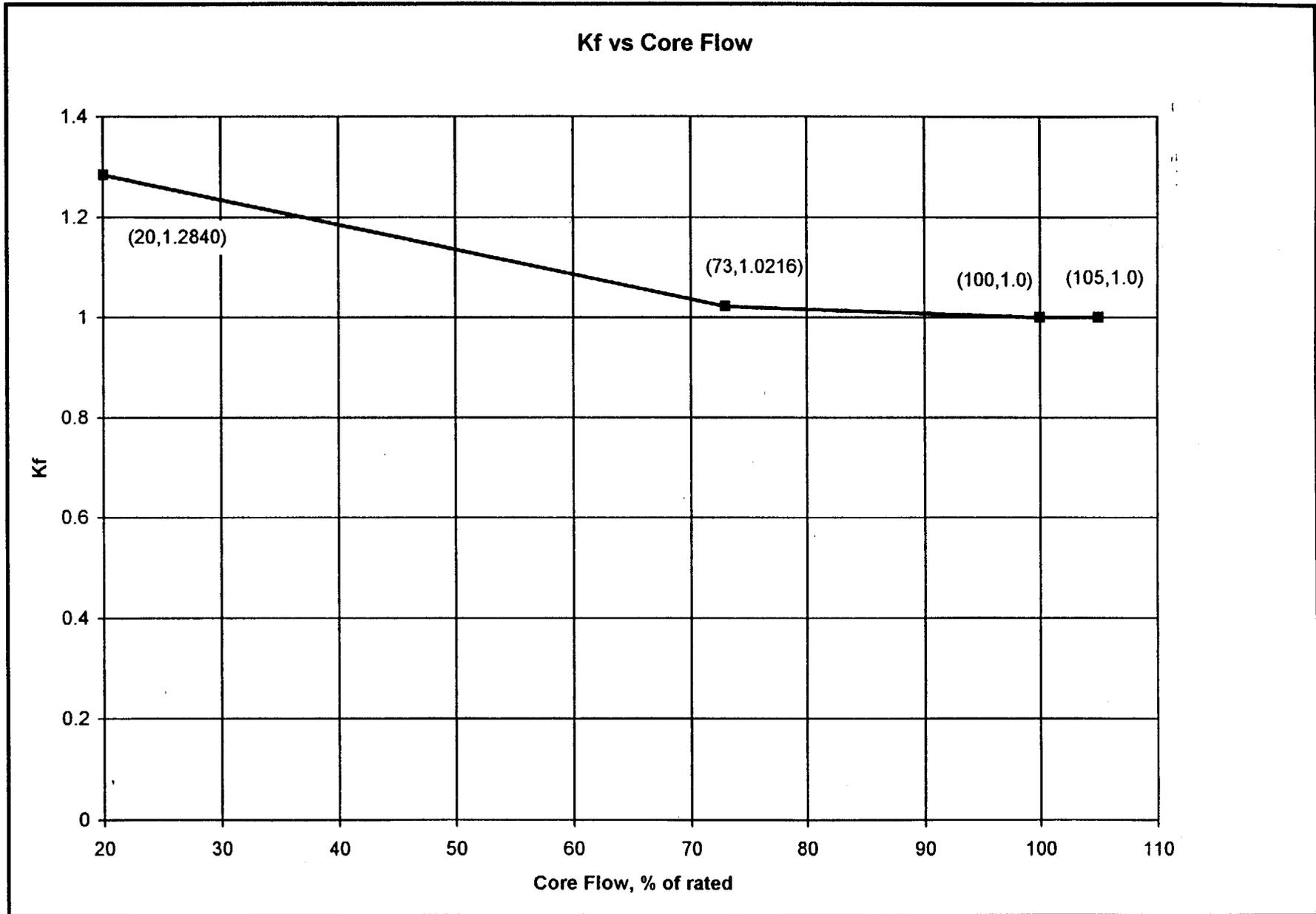


Figure 3b

Revision 0
Cycle 8



NINE MILE POINT UNIT 2
LIMITING CONDITION FOR OPERATION

4.0 **LINEAR HEAT GENERATION RATE (LHGR)**

4.1 **Limits for Technical Specification 3.2.4**

During OPERATIONAL CONDITION 1, when THERMAL POWER is greater than or equal to 25% of RATED THERMAL POWER, the LHGR shall not exceed the limits in the table below.

<u>Fuel Type</u>	<u>LHGR Limits</u>
P9CUB349 (GE11)	14.4 KW/FT
P9CUB375 (GE11)	14.4 KW/FT
P9CUB413 (GE11)	14.4 KW/FT
P9CUB414 (GE11)	14.4 KW/FT
P9CUB407-2382 (GE11)	14.4 KW/FT
P9CUB407-2383 (GE11)	14.4 KW/FT

NOTE: With a backup pressure regulator out of service conservative thermal limits had been established as follows:

For thermal power < 90% of rated thermal power, maintain
 $MFLPD \leq$ fraction of rated thermal power.

MFLPD is the ratio of the actual maximum LHGR and the LHGR limit.

For thermal power \geq 90% of rated thermal power, normal thermal limits apply.

NINE MILE POINT UNIT 2
LIMITING CONDITION FOR OPERATION

5.0 ROD BLOCK MONITOR (RBM)

5.1 Setpoints for Technical Specification Table 3.3.6-2 (Item 1)

<u>Trip Function</u>	<u>Trip Setpoint</u>	<u>Allowable Value</u>
RBM Upscale	$\leq 0.66 (W - \Delta W) + 44\%$ with a maximum of 110%	$\leq 0.66 (W - \Delta W) + 47\%$ with a maximum of 113%

NOTE: W = Loop Recirculation Flow as a percentage of the loop recirculation flow which produces a rated core flow of 108.5 MLB/HR. ΔW is defined as the difference in indicated drive flow (in percent of drive flow which produces rated core flow) between two loop and single loop operation at the same core flow. $\Delta W = 0$ for two loop operation. $\Delta W = 5\%$ for single loop operation.

NINE MILE POINT UNIT 2
LIMITING CONDITION FOR OPERATION

6.0 SOURCE DOCUMENTS

The Core Operating Limits contained in this report were obtained from the following documents:

CORE OPERATING LIMIT

REFERENCE

APLHGR LIMITS (Section 1)

Tables 1a and 1g

Lattice Dependent MAPLHGR Report for NMP2 Reload 4, Cycle 5, 24A5174AA, Rev 0, April 1995

“Supplemental Reload Licensing Report for Nine Mile Point Nuclear Station Unit 2, Reload 4, Cycle 5, 24A5174, Rev 1, June 1996

Tables 1b and 1g

Lattice Dependent MAPLHGR Report for NMP2 Reload 5, Cycle 6, J11-02854MAP, Rev 0, July 1996

“Supplemental Reload Licensing Report for Nine Mile Point Nuclear Station Unit 2, Reload 5, Cycle 6”, J11-02854SRLR, Rev 0, July 1996

Tables 1c, 1d and 1g

Lattice Dependent MAPLHGR Report for NMP2 Reload 6, Cycle 7, J11-03211MAP, Rev 0, February 1998

“Supplemental Reload Licensing Report for Nine Mile Point Nuclear Power Station Unit 2, Reload 6, Cycle 7” J11-03211SRLR, Rev 0, February 1998

NINE MILE POINT UNIT 2
LIMITING CONDITION FOR OPERATION (Cont)

6.0 SOURCE DOCUMENTS (Cont)

CORE OPERATING LIMIT

REFERENCE

APLHGR LIMITS (Section 1 continued)

Table 1e, 1f, and 1g

Lattice dependent MAPLHGR Report for NMP2 Reload 7, Cycle 8, J11-03614MAP Rev 0, January 2000

“Supplemental Reload Licensing Report to Nine Mile Point Power Station Unit 2, Reload 7, Cycle 8” J11-03614SRLR Rev 0, January 2000

and corresponding single loop multiplier

“Supplemental Reload Licensing Report for Nine Mile Power Station Unit 2, Reload 7, Cycle 8” J11-03614RLR Rev 0, January 2000

APRM SETPOINTS (Section 2)

Limits for Technical Specification 3.2.2 (APRM)

“Power Uprate Licensing Evaluation for Nine Mile Point Nuclear Power Station Unit 2”, NEDC-31994P, Rev 1, May 1993

Limits for Technical Specification Table 2.2.1-1 (OPRM Upscale)

“Supplemental Reload Licensing Report for Nine Mile Point Station Unit 2, Reload 7, Cycle 8” J11-03614 SRLR Rev 0, January 2000

MCPR LIMITS (Section 3)

Figures 3a and 3b

“Supplemental Reload Licensing Report for Nine Mile Point Nuclear Station Unit 2 Reload 7, Cycle 8, J11-03614SRLR, Rev 0, January 2000

Coefficients for Tau equation

GE Engineering Report for Nine Mile Point Nuclear Station Unit 2 Reload 2, Cycle 3, NFD92-016, January 1992

Pressure Regulator Out of Service

“Supplemental Reload Licensing Report for Nine Mile Point Station Unit 2, Reload 7, Cycle 8, J11-03614SRLR, Rev 0, January 2000

NINE MILE POINT UNIT 2
LIMITING CONDITION FOR OPERATION (Cont)

6.0 SOURCE DOCUMENTS (Cont)

CORE OPERATING LIMIT

REFERENCE

LHGR LIMITS (Section 4)

“Supplemental Reload Licensing Report for
Nine Mile Point Nuclear Station Unit 2
Reload 7 Cycle 8, J11-03614RLR, Rev 0,
January 2000

RBM SETPOINTS (Section 5)

GE Engineering Report for Nine Mile Point
Nuclear Station Unit 2 Reload 2 Cycle 3,
NFD92-016 January 1992