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SUBJECT: Submits COLR 97-13, rev 2, in accordance w/requirements of
WNP-2 TS 5.6.5. re Nuclear Plant WNP-2.

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WASHINGTON PUBLIC POWER SUPPLY SYSTEM

P.O. Box 968 • Richland, Washington 99352-0968

October 24, 1997
GO2-97-195

Docket No. 50-397

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

Gentlemen:

Subject: **NUCLEAR PLANT WNP-2, OPERATING LICENSE NPF-21
CYCLE 13 CORE OPERATING LIMITS REPORT (COLR)**

The Supply System hereby submits the COLR 97-13, Revision 2, in accordance with the requirements of WNP-2 Technical Specification 5.6.5. The operating limits in the COLR resulting from the Cycle 13 reload and licensing analyses have been evaluated against the criteria of 10 CFR 50.59 and it was determined that no unreviewed safety questions are created by its implementation. The COLR has been reviewed and approved by the WNP-2 Plant Operations Committee.

Should you have any questions or desire additional information regarding this matter, please call me or P. J. Inserra at (509) 377-4147.

Respectfully,

D. W. Coleman

D. W. Coleman
Acting Manager, Regulatory Affairs
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WNP-2
Cycle 13
Core Operating Limits Report

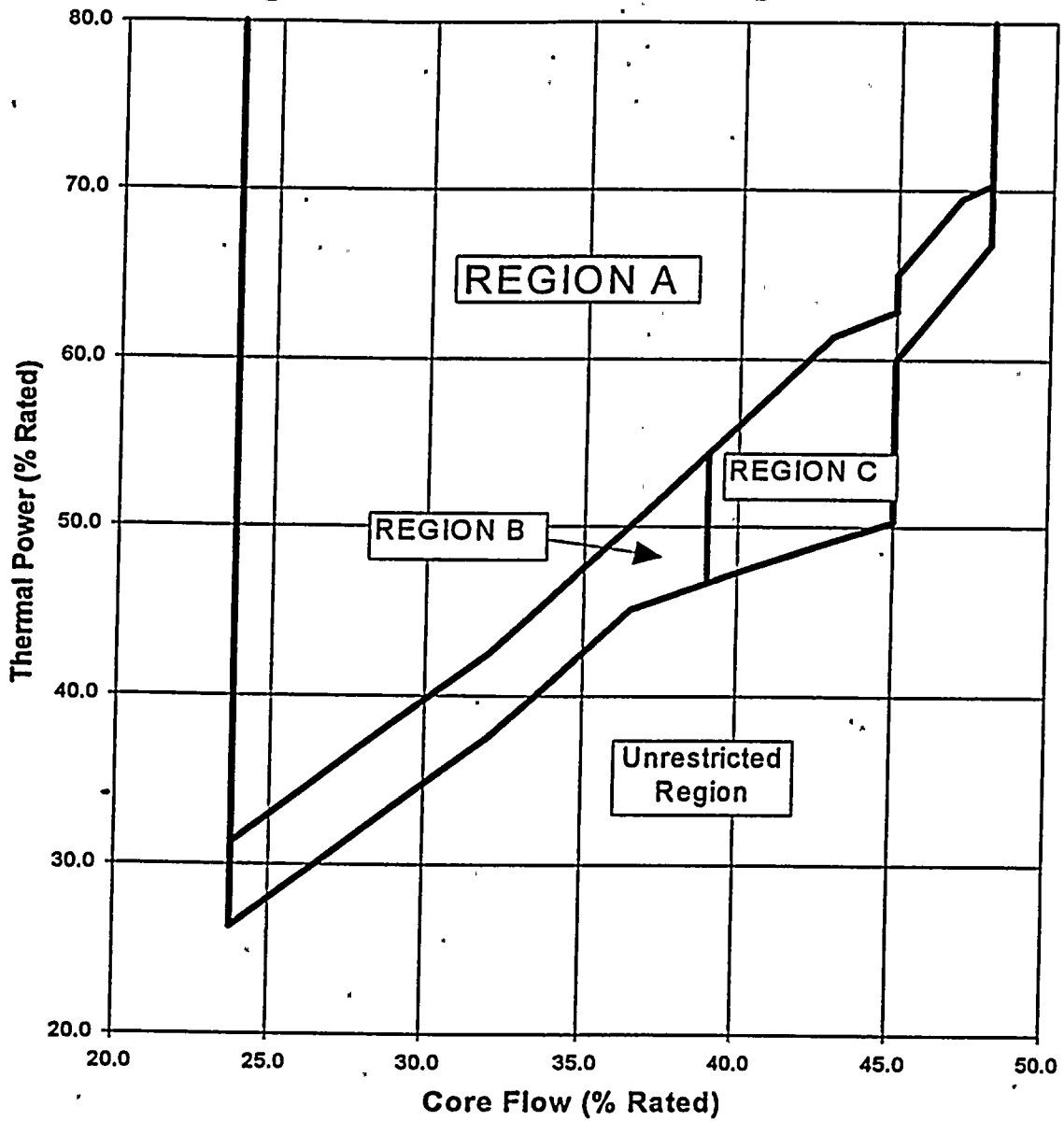
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Region A		Region B		Region C	
Core Flow	Power	Core Flow	Power	Core Flow	Power
% Rated	% Rated	% Rated	% Rated	% Rated	% Rated
23.8	31.3	23.8	31.3	39.0	46.7
32.0	42.5	23.8	26.3	40.0	47.3
40.0	56.0	32.0	37.5	43.0	49.1
43.0	61.3	36.5	45.1	45.0	50.3
45.0	62.8	39.0	46.7	45.0	60.0
45.0	65.0	39.0	54.3	48.0	66.8
47.0	69.5			48.0	70.3
48.0	70.3				

Operating Region Limits of Specification 3.4.1
Figure 5.1

6.0 REFERENCES

- 6.1 NEDO-32269, "Washington Public Power Supply System Nuclear Project 2, Supplement to SAFER/GESTR-LOCA Loss-of-Coolant Accident Analysis," GE Nuclear Energy, September 1993.
- 6.2 Letter, Kaveh Taghavi (GE) to J. D. Fisher (WPPSS), "Extended MAPLHGR Curve for SNP 9x9-9X," October 4, 1995.
- 6.3 CE NPSD-821-P, Rev. 4, "WNP-2 Cycle 13 Reload Report," ABB Combustion Engineering Nuclear Operations, September 1997.
- 6.4 CE NPSD-820-P, "WNP-2 Cycle 13 Transient Analysis Report," ABB Combustion Engineering Nuclear Operations, April 1997.
- 6.5 Letter KVW-95:050, K. V. Walters (Siemens Power Corporation) to R. A. Vopalensky (WPPSS), "WNP-2 Fuel Misorientation Error Analysis," October 16, 1995.
- 6.6 CE NPSD-801-P, "WNP-2 LOCA Analysis Report," ABB Combustion Engineering Nuclear Operations, May 1996.