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WASHINGTON, D.C. 20555-0001

May 20, 1998

MEMORANDUM TO: Darl S. Hood, Project Manager
Project Directorate I-1
Division of Reactor Projects -I/II

FROM: Margaret Chatterton, Acting Chief
BWR Reactor Systems Section
Reactor Systems Branch
Division of Systems Safety and Analysis

Margaret Chatterton

SUBJECT: AMENDMENT OF THE TECHNICAL SPECIFICATION MINIMUM
CRITICAL POWER RATIO SAFETY LIMIT FOR NINE MILE POINT,
UNIT 2, TAC NO. MA0362

Plant Name: Nine Mile Point, Unit 2
Utility: Niagara Mohawk Power Corporation
TAC No.: MA0362
Docket No.: 50-410
Operating License: NPF-69
Review Branch: SRXB/DSSA
Review Status: Complete

Niagara Mohawk Power Corporation (NMPC) submitted an application on December 15, 1997, to amend the facility operating license NPF-69 for Nine Mile Point, Unit 2 (NMP2). NMPC proposed to revise the critical power ratio (MCPR) safety limit in Section 2.1.2 of the technical specifications (TS) from 1.07 to 1.09 for two recirculation loop operation. For single loop operation, the MCPR safety limit is changed from 1.08 to 1.10.

The licensee also requested that some of the statements in the Basis Sections 2.1 be modified and replaced with a reference to the licensing document General Electric Standard Application for Reactor Fuel (GESTAR II, NED-24011-P-A), in addition to the Supplemental Reload Licensing Report. The proposed changes include deletion of TS basis tables which are available in the licensing basis topical reports and removal of a footnote referring to the initial operating cycle from Section 3/4.4-1. The proposed modifications of the TS Basis are consistent with the Improved Standard Technical Specifications (ITS, NUREG-1434).

Attachment:
As stated

CONTACT:
Z. Abdullahi, SRXB/DSSA
415-2808

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Memorandum

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Darl S. Hood

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The proposed MCPR safety limit analysis incorporates cycle-specific parameters, including (1) the preliminary reference core loading and (2) the actual bundle parameters evaluated at the projected exposure distribution based on the rodded burn through the cycle. In Attachment B, the licensee confirmed that the MCPR safety limit for Cycle 7 was based on the NRC-approved methodologies specified in the licensing document GESTAR II (NEDE-24011-P-A), as supplemented by Amendment 25, which is being reviewed by the staff.

Reactor Systems Branch (SRXB) reviewed the licensee's amendment request and prepared the attached safety evaluation report (SER). We find the proposed MCPR safety limit changes from 1.07 to 1.09 for two recirculation loop operation and from 1.08 to 1.10 for single recirculation loop operation, with the limitations as stated in the SER, acceptable. In addition, SRXB also finds the proposed changes to the Basis Section 2.1 on page B2.1 acceptable. This completes our efforts on TAC No. MA0362

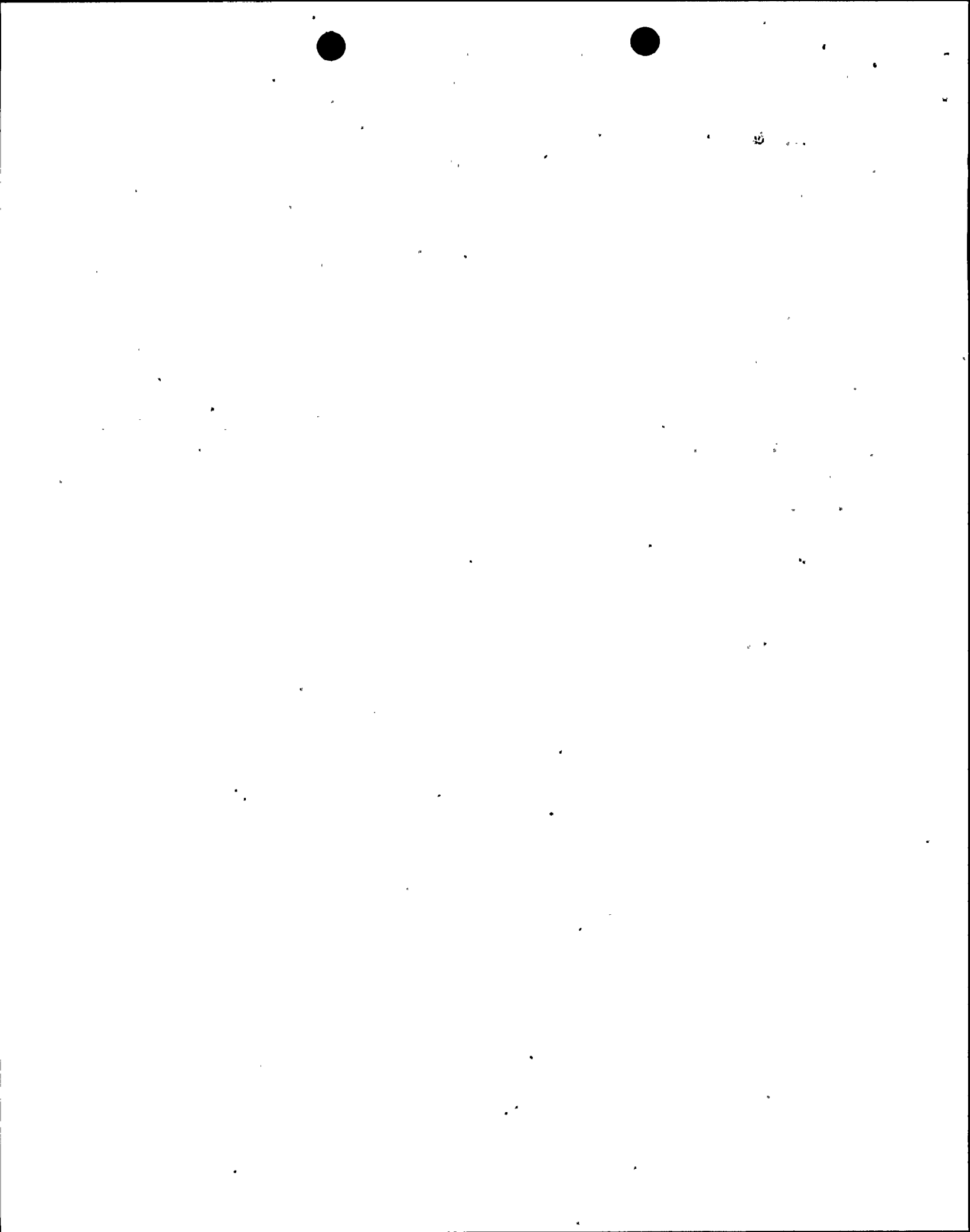
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*see previous concurrence page

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DOCUMENT NAME: G:/NMP2MCPR.SER



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