

CATEGORY 1

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SUBJECT: Submits plant-specific data on changes or errors in ECCS
 evaluation models or application of models, IAW
 10CFR50.46(a)(3)(iii).

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NIAGARA MOHAWK

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JOHN T. CONWAY
Vice President
Nuclear Engineering

August 29, 1997
NMP1L 1247

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

RE: Nine Mile Point Unit 1
Docket No. 50-220
DPR-63

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

Subject: 10CFR50.46 (a)(3)(ii) Report

Gentlemen:

Section 50.46 (a)(3)(i) of the Commission's regulations requires the licensee to estimate the effect and significance of changes or errors in emergency core cooling system (ECCS) evaluation models or in the application of these models. Section 50.46 (a)(3)(ii) specifies that each change or error discovered in an acceptable evaluator model or in the application of such a model that affects the temperature calculation, the licensee shall report the nature of the change or error and its estimated effect on the limiting ECCS analysis at least annually. General Electric (GE) has been reporting changes and errors generically to the NRC to meet the requirement. It has been Niagara Mohawk Power Corporation's (NMPC) position that the generic reporting satisfied the requirements of 10CFR50.46 (a)(3)(i) and (ii) for Nine Mile Point Unit 1 (NMP1) and Nine Mile Point Unit 2 (NMP2).

The NRC staff recently informed GE that each licensee needs to file a report to meet the requirements of the regulation. This letter is to fulfill that requirement and to provide plant-specific data on the changes and errors in our current analysis. GE has provided NMPC plant specific evaluations and determined that the sum of the absolute values of changes and errors to peak clad temperatures are 6°F and 10°F for NMP1 and NMP2, respectively. The actual increase in peak clad temperature is less than 3°F for NMP1 and is 10°F for NMP2. The latest analysis results were peak clad temperatures of 2197°F for NMP1 and 1280°F for NMP2, and therefore, the peak clad temperature is less than 2200°F for both units.

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If you have any questions, please contact me or Mr. Richard McCord at (315) 349-1843.

Very truly yours,

A handwritten signature in cursive script, reading "John T. Conway". The signature is fluid and extends to the right.

John T. Conway
Vice President - Nuclear Engineering

JTC/GJG/lmc
Enclosure

xc: Mr. H. J. Miller, NRC Regional Administrator
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