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RECIP. NAME RECIPIENT AFFILIATION
ADENSAM, E. G. BWR Project Directorate 3

SUBJECT: Forwards corrected pages to FSAR Section 14.2, per 860402 telcon W/M Haughey. Changes will be incorporated into FSAR Amend 26.

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NIAGARA MOHAWK

NIAGARA MOHAWK POWER CORPORATION/300 ERIE BOULEVARD WEST, SYRACUSE, N.Y. 13202/TELEPHONE (315) 474-1511

April 11, 1986
(NMP2L 0683)

Ms. Elinor G. Adensam, Director
BWR Project Directorate No. 3
U.S. Nuclear Regulatory Commission
7920 Norfolk Avenue
Washington, DC 20555

Dear Ms. Adensam:

Re: Nine Mile Point Unit 2
Docket No. 50-410

In a telephone conference between M. Haughey (Nuclear Regulatory Commission) and N. L. Rademacher (Niagara Mohawk) on April 2, 1986, Niagara Mohawk was notified of three editorial errors to Final Safety Analysis Report Section 14.2. The applicable Final Safety Analysis Report pages have been modified, as shown on the attached. These changes will be incorporated into Final Safety Analysis Report Amendment 26.

Very truly yours,

C. V. Mangan
Senior Vice President

KS:ja
1474G

Attachment

xc: R. A. Gramm, NRC Resident Inspector
Project File (2)

B001
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UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter of	)	
Niagara Mohawk Power Corporation	)	Docket No. 50-410
(Nine Mile Point Unit 2)	)	

AFFIDAVIT

C. V. Mangan, being duly sworn, states that he is Senior Vice President of Niagara Mohawk Power Corporation; that he is authorized on the part of said Corporation to sign and file with the Nuclear Regulatory Commission the documents attached hereto; and that all such documents are true and correct to the best of his knowledge, information and belief.

cvmangan

Subscribed and sworn to before me, a Notary Public in and for the State of New York and County of Onondaga, this 11th day of April, 1986.

Christine Austin
Notary Public in and for
Onondaga County, New York

My Commission expires:

CHRISTINE AUSTIN
Notary Public in the State of New York
Qualified in Onondaga Co. No. 4787687
My Commission Expires March 30, 1987

CHRISTINE AUSTIN
Notary Public in the State of New York
Qualified in Onondaga Co. No. 4787637
Commission Expires March 30, 19 .

14. The jet pump flow instrumentation is calibrated at test conditions 3 and 6.

15. The as-built characteristics of the recirculation system are determined as soon as operating conditions permit full core flow.

14.2.11 Test Program Schedule

Preoperational and startup testing is planned to be conducted in accordance with the following schedule. This schedule is based on current information and is updated onsite to consider actual construction and testing progress. It is included to provide general information and sequence but is not considered to be identical to the schedules in use during the startup and test program.

1. The preoperational/acceptance test phase commences in December 1984 and continues until fuel loading.

2. The startup test program commences with fuel load and continues through power ascension testing which is completed at the end of the 100-hr. warranty run in September 1986.

3. In general, the startup and preop test procedures will be available for NRC review at least 60 days prior to fuel load.

14.2.12 Individual Test Descriptions

14.2.12.1 Preoperational Tests

Test abstracts for the preoperational tests are provided in Tables 14.2-2 through 14.2-132. The abstracts identify each test by system; specify the major prerequisites and operating conditions necessary for each (mode of operations of major control systems); provide general test objectives, a summary of the test method, and a summary of the acceptance criteria. Some abstracts may require more than one test depending on variables such as plant status and availability, optimization of resources, and schedule restraints. When additional tests are required they are approved by the JTG, numbered and included on the current Test Index in accordance with the startup administrative procedures.

TABLE 14.2-102 (Cont)

Acceptance Criteria

1. All station emergency lighting systems will be shown to provide adequate lighting in accordance with Table 9.5-2.

2. The system functions as described in Section 9.5.3.

TABLE 14.2-227

MAIN STEAM ISOLATION VALVES
FUNCTIONAL TESTS

Startup Test (SUT-25A)

Test Objectives

1. To functionally check the MSIVs for proper operation at selected power levels.

2. To determine isolation valve closure time at rated conditions.

3. To determine maximum power at which a single valve closure can be made without scram.

Prerequisites

The preoperational tests have been completed, and the SORC has reviewed and approved the test procedures and initiation of testing. Instrumentation has been checked or calibrated as appropriate.

Test Procedure

At 5 percent and greater power levels, individual fast closure of each MSIV will be performed to verify their functional performance and to determine closure times. The times to be determined are: a) the time from the initiation signal to deenergize the solenoids until the valve is stroked from the open position to completely closed (t_{sol}), and 2) the valve stroke time (t_s). Time t_s equals the interval from when the valve starts to move from full open until it is 100 percent closed (valve stroke complete).

To determine the maximum power level at which full individual closures can be performed without a scram, the first MSIV actuations will be performed between 40- and 55-percent power. The results of the tests at 40 to 55-percent power will be used to extrapolate to the next power test point, which will be between 60- and 85-percent power. The test results will ultimately be used to determine the maximum power test condition that has ample margin to scram.