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AUTH. NAME AUTHOR AFFILIATION
MANGAN, C. V. Niagara Mohawk Power Corp.
RECIP. NAME RECIPIENT AFFILIATION
ADENSAM, E. G. BWR Project Directorate 3

SUBJECT: Forwards revised FSAR Page 1.10-99c, consistent w/860806 & 21 requests to revise Tech Spec 3/4 5.1 for automatic depressurization sys accumulator backup gas sys low pressure alarm to conform to as-built setpoint & calculation.

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NIAGARA MOHAWK

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

September 12, 1986
(NMP2L 0877)

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

Tha attached change to the Final Safety Analysis Report on page 1.10-99c is provided in order to support our Technical Specification change enclosed in letter NMP2L 0836, dated August 21, 1986, pages 26 and 27.

Very truly yours,

C. V. Mangan
Senior Vice President

KWK/pns
2055G
Attachment

xc: W. A. Cook, NRC Resident Inspector
Project File (2)

B001
1/1

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.

C. V. Mangan

Subscribed and sworn to before me, a Notary Public in and for the State of New York and County of Onondaga, this 12th day of September, 1986.

Janis M. Macro
Notary Public in and for
Onondaga County, New York

My Commission expires:

JANIS M. MACRO
Notary Public in the State of New York
Qualified in Onondaga County No. 4784555
My Commission Expires March 30, 1987

Subject: Justification for the change to FSAR page 1.10-99c.

The requested change is attached. This change is provided in order to make the FSAR consistent with the requested Technical Specificaion change in letter (NMP2L 0836) dated August 21, 1986, page 27. Page 27 and 26 of the previous letter are attached to facilitate your review of this request.

CHANGE REQUESTED FOR CERTIFICATION.

(1968G)

c. Performing a CHANNEL CALIBRATION of the accumulator backup compressed gas system low pressure alarm system and verifying a low alarm setpoint of 163.5 ~~±2.5~~ 3.2 psig decreasing pressure. 25

d. Perform a leak rate test for ADS SRV pneumatic operators by pressurizing each ADS accumulator at 178 psig (supply header high pressure alarm) up to its supply header isolation check valve with the SRV in the open position. Total leakage rate for each SRV shall not exceed 0.5 scfh for the SRV actuated by either of the ADS solenoids.

e. Perform a leak rate test for the safety-related ADS accumulator pneumatic supply system (including special emergency tube trailer supply piping) up to SRV actuators/operators. With the SRVs actuated by either of the ADS solenoids and with ADS accumulators at 178 psig and with ADS nitrogen receiving tanks at 385 psig (high pressure alarm), the leakage rates shall not exceed the following limits:

(1) For the ADS SRV actuators, supply header, and accumulators, and the nitrogen receiving tank for the SRVs 2MSS*PSV125, 131, and 136, maximum allowable leakage is 3 scfh.

(2) For the ADS SRV actuators, supply header, and accumulators, and the nitrogen receiving tank for the SRVs 2MSS*PSV129, 130, 134, and 137, maximum allowable leakage is 4 scfh.

Action

a. For ECCS Divisions 1 and 2, provided that ECCS Division 3 is OPERABLE and Divisions 1 and 2 are otherwise OPERABLE:

(1) With one of the above required ADS valves inoperable, restore the inoperable ADS valve to OPERABLE status within 14 days or be in at least HOT SHUTDOWN within the next 12 hr and reduce reactor steam dome pressure to ≤ (100) psig within the next 24 hr.

Subject: Justification for the change to Technical Specification 3/4 5.1 in the area of the ADS accumulator backup gas system, low pressure alarm set point.

The requested change is enclosed. This change is required to conform to the as built set point and supporting calculation. This change is a revision to the change transmitted by letter dated August 6, 1986 (NMP2L 0807).

CHANGE REQUESTED FOR CERTIFICATION.

SURVEILLANCE REQUIREMENTS

4.5.1 (Continued)

e. For the ADS by:

1. At least once per 31 days, performing a CHANNEL FUNCTIONAL TEST of the accumulator backup compressed gas system, low-pressure alarm system.

2. At least once per 18 months:

a) Performing a system functional test which includes simulated automatic actuation of the system throughout its emergency operating sequence, excluding actual valve actuation.

b) Manually opening each ADS valve when the reactor steam dome pressure is greater than or equal to 100 psig* and observing that either:

1) The SRV discharge acoustic monitoring system responds accordingly, or

2) The control valve or bypass valve responds accordingly, or

3) There is a corresponding change in the measured steam flow, or

4) The SRV discharge line temperature monitoring system responds accordingly.

c) Performing a CHANNEL CALIBRATION of the accumulator backup compressed gas system, low-pressure alarm system, and verifying an alarm setpoint of 163.5 ~~+ 2.5, - 2.5~~ + 3.2, - 3.2 psig on decreasing pressure.

d) Performing a leak rate test for ADS SRV pneumatic operators by pressurizing each ADS accumulator at 178 psig (supply header high pressure alarm) up to its supply header isolation check valve with the SRV in the open position. Total leakage rate for each SRV shall not exceed 0.5 SCFH for the SRV actuated by either of the ADS solenoids.

* The provisions of Specification 4.0.4 are not applicable provided the surveillance is performed within 12 hours after reactor steam pressure is adequate to perform the test.