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

SUBJECT: Forwards info necessary to resolve SER Items 11, 71, 73, 76, 80, 102, 103 & 107.

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September 12, 1986
NMP2L 0878

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 Sept. 3, 1986 letter from M. F. Haughey to C. V. Mangan, the Nuclear Regulatory Commission staff provided responses to a number of the Safety Evaluation Report comments we identified in our letter dated July 16, 1986. During subsequent discussions with your staff, informal responses were provided for several of these staff comments. This letter formally transmits the information necessary to resolve Items 11, 71, 73, 76, 80, 102, 103 and 107.

Very truly yours,

C. V. Mangan

C. V. Mangan
Senior Vice President

TS/pns
2052G
Attachment

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

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UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter of)
Niagara Mohawk Power Corporation)
(Nine Mile Point Unit 2))

Docket No. 50-410

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.

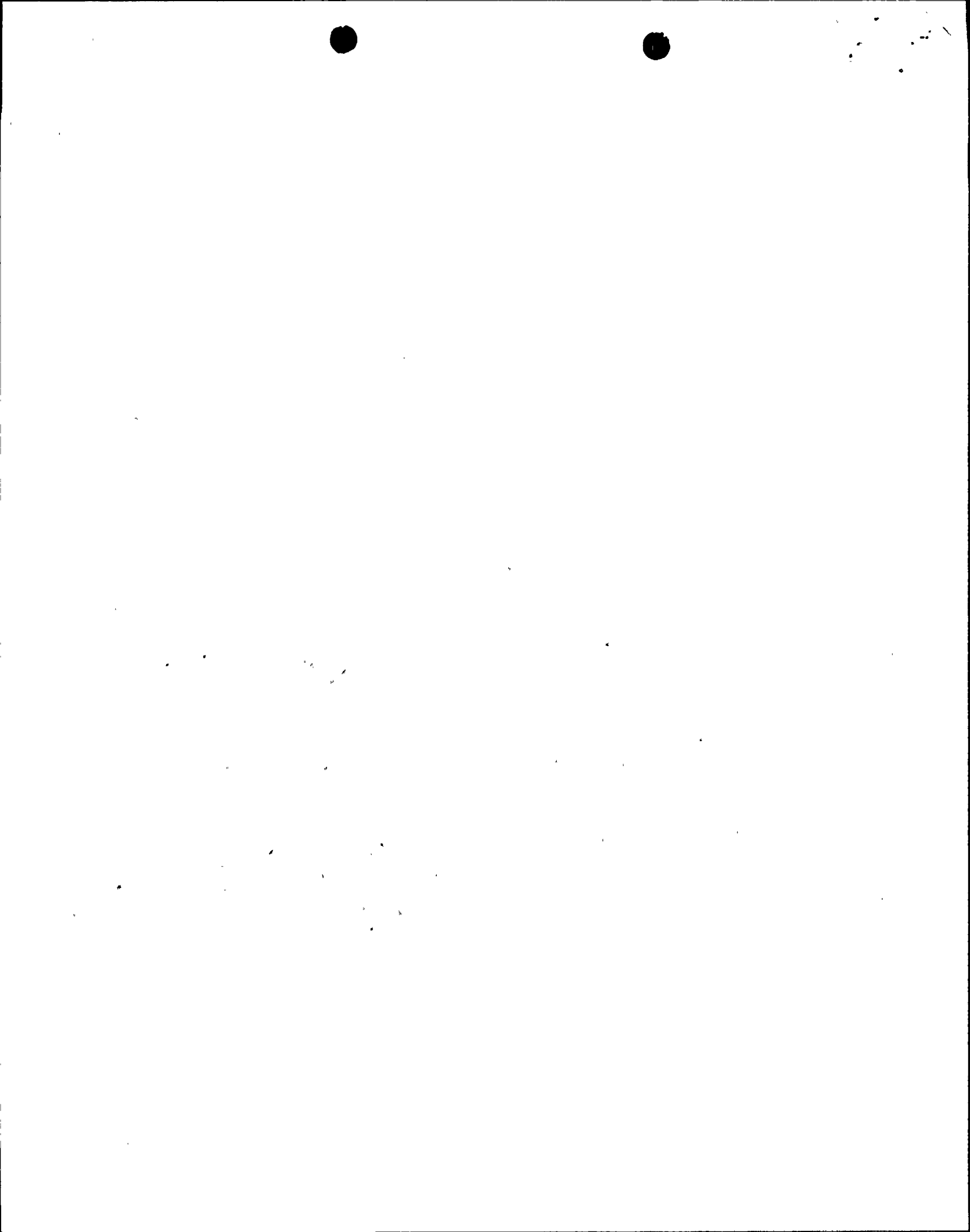
C. V. Mangan

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.

Jacques P. Macero
Notary Public in and for
Onondaga County, New York

My Commission expires:

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



Item #11 Our original request was to provide consistency between the SER and the FSAR relative to make-up water from the cooling water supply on SER page 2-17. We were unsure from your response whether our initial comment was acceptable. However, you did request some additional information to resolve our comment. The information you asked for can be found in FSAR table 9.2-8 and on FSAR page 9.2-33, specifically:

- (1) total average withdrawal - 54,671 gpm
- (2) fish diversion withdrawal - 14,925 gpm
- (3) blowdown and other discharges - 32,174 gpm
- (4) minimum operative water level - 236.3 ft. (minimum postulated lake level) or 233.1 ft. (minimum design level)

This information is for normal summer operation with four (4) service water pumps.

Item #71 FSAR figures 9.2-1h and 9.2-2, sheet 10, depict the arrangement and logic for the flow control valves. The description of circulating water make-up flow control valves was omitted from SER Section 7.3.1.8. Information referring to these valves can be found on FSAR page 9.2-7 (AMD 25). Our original request was to correct this omission.

Item #73 Our request was to make the SER consistent with plant design. While there is a RCIC equipment room ambient high temperature trip, there is not the differential temperature trip as stated on SER page 7-39. This is supported on FSAR page 5.2-37.

Item #76 Our original comment did not clearly indicate the permissive requirement associated with the test switch. Only the storage tank discharge valve open or the test switch in "Test" are permissives for SLS pump operation. The test tank outlet valve, fully open, is not a permissive requirement for operation of the Standby Liquid Control pump. This information can be found on FSAR page 7.4-4 and a corrected FSAR figure 7.4-2 (attached). A correction of the SER description on SER page 7-40 is requested to be consistent with the referenced FSAR text.

Item #80 Item #4 on SER page 7-51 indicates that there is a high differential temperature trip of the main steam line isolation valves from the turbine building area ventilation. While the FSAR section title on page 7.3-14 infers that a turbine building high differential temperature trip exists, the body of the text and FSAR table 7.3-5 (AMD 23) state that the high differential trip is only for the main steam tunnel area. There is not a turbine building area high differential temperature trip. A change to the SER is requested to reflect this information.



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- Item #102 The control room is supplied by two 100 percent capacity missile and tornado protected air intakes. The control building has four intakes, two of which serve the control room. There are no designed interconnections between the upper control room intakes and the lower set of control building air intakes. SER page 9-30 requires a change to be consistent with FSAR page 9.4-2a and the above information. Refer to FSAR Figure 9.4-1.
- Item #103 We request that the SER on page 9-31 be revised to reflect that the reactor building area and spent fuel pool area HVAC system that operates following an accident is safety related and all duct work is seismically supported. This can be found on FSAR page 9.4-25. The initiation signals for emergency operation of these systems include a high radiation signal (such as for a fuel handling accident) or a LOCA signal.
- Item #107 Our originally provided reference to support the alternate shutdown method was not sufficient. The information required to make the requested change can be found in FSAR Appendix 3C, pages 3C-22 through 3C-24 and page SSC-3 of the FSAR Question and Response entitled, "Safe Shutdown Concerns."





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