

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: B605070139 DOC. DATE: 86/05/02 NOTARIZED: NO DOCKET #
 FACIL: 50-410 Nine Mile Point Nuclear Station, Unit 2, Niagara Moha 05000410
 AUTH. NAME AUTHOR AFFILIATION
 MANGAN, C. V. Niagara Mohawk Power Corp.
 RECIP. NAME RECIPIENT AFFILIATION
 ADENSAM, E. G. BWR Project Directorate 3

SUBJECT: Advises of evaluation of position on ATWS for standby liquid control sys at facility. Change proposed in min flow rate limit of 43 gpm per pump at pressure of 1,220 psig to allow for wear in accordance w/QE recommendations.

DISTRIBUTION CODE: A055D COPIES RECEIVED: LTR 1 ENCL ϕ SIZE: 2
 TITLE: OR/Licensing Submittal: Salem ATWS Events 6L-83-28

NOTES:

	RECIPIENT		COPIES			RECIPIENT		COPIES	
	ID CODE/NAME		LTR	ENCL		ID CODE/NAME		LTR	ENCL
	BWR ADTS		1	1		BWR EB		1	1
	BWR EICSB		2	2		BWR FOB		1	1
	BWR PD3 PD 01		3	3		HAUGHEY, M		1	1
	BWR PSB		1	1		BWR RSB		1	1
INTERNAL:	ACRS		6	0		ADM/LFMB		1	0
	ELD/HDS3		1	0		IE/DI		1	1
	IE/DQAVT		1	1		NRR BWR ADTS		1	1
	NRR LASHER, D		1	1		NRR PWR-A ADTS		1	1
	NRR PWR-B ADTS		1	1		NRR/DSRO/RSIB		1	1
	NRR/TAMB		1	1		<u>REG FILE</u> 04		1	1
	RGN1		1	1					
EXTERNAL:	24X		1	1		LPDR 03		1	1
	NRC PDR 02		1	1		NSIC 05		1	1

TOTAL NUMBER OF COPIES REQUIRED: LTR 33 ENCL 21

May 2, 1986
(NMP2L 0698)

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

Niagara Mohawk Power Corporation has evaluated its position on Anticipated Transients Without Scram for the Standby Liquid Control System at Nine Mile Point Unit 2. Currently, a minimum flow rate of 43.0 gpm per pump at a pressure of 1220 psig is required. We propose to change this limit to 41.2 gpm per pump to allow for wear in accordance with General Electric recommendations.

Niagara Mohawk installed a General Electric Boiling Water reactor vessel with a 251 inch diameter at Nine Mile Point Unit 2. Paragraph (c) (4) of 10 CFR 50.62 states, in part:

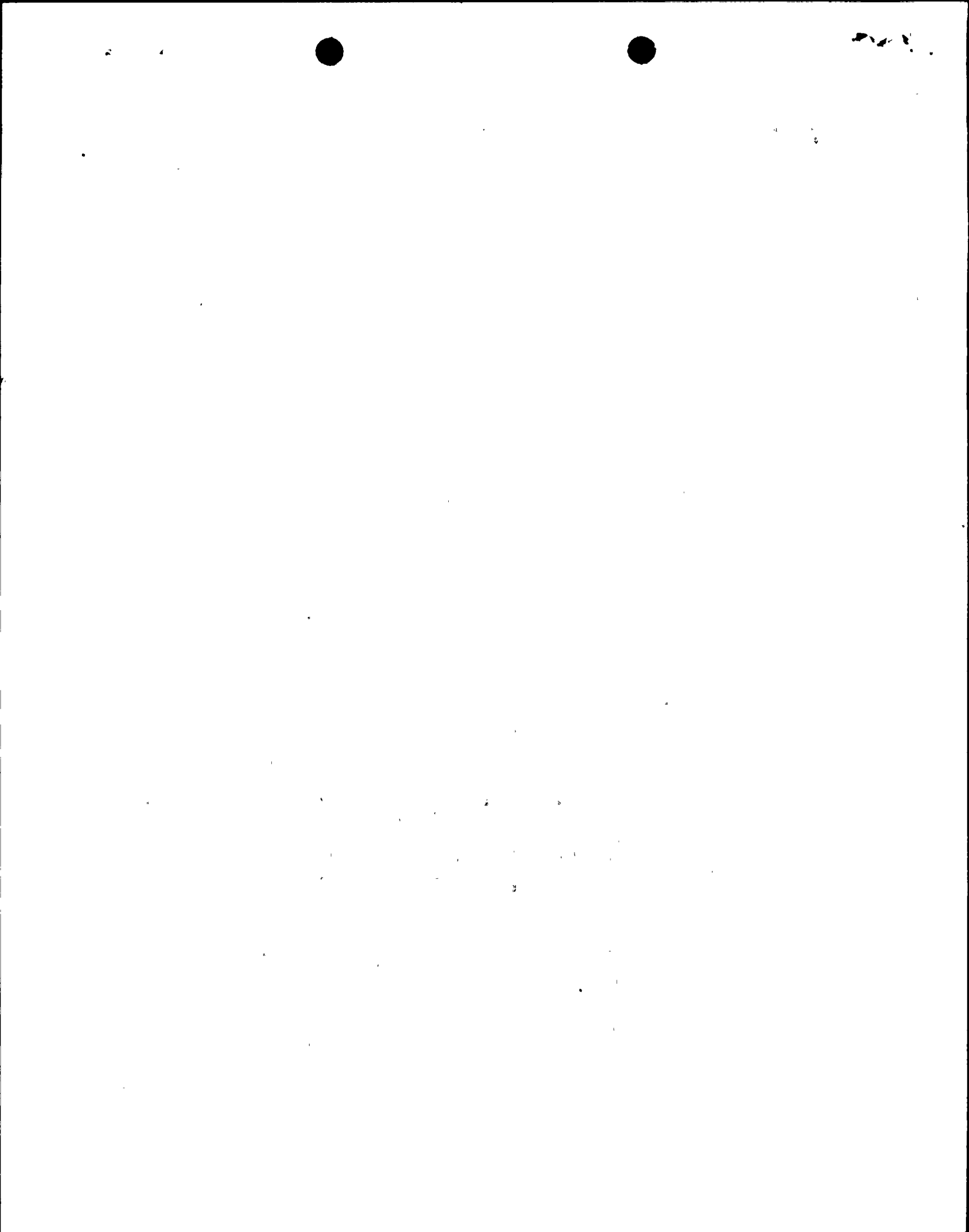
Each boiling water reactor must have a standby liquid control system (SLCS) with a minimum flow capacity and boron content equivalent in control capacity to 86 gallons per minute of 13 weight percent sodium pentaborate solution.

In a January 28, 1985 letter on Generic Letter 85-03, Mr. Eisenhut provided a clarification of the wording "equivalent in control capacity." According to that letter the wording was chosen to allow "flexibility in the implementation of the requirement."

The reduced flow rate would be balanced with an increased weight concentration of sodium pentaborate to provide the necessary equivalent control capacity. Preliminary evaluations indicate that an increased weight percent of sodium pentaborate, from 13 to 13.57 percent, meets the requirements described in Generic Letter 85-03. We believe that this increased weight concentration provides the equivalent control capacity to

8605070139 860502
PDR ADCK 05000410
AA PDR

A055
1/0



Ms. Elinore G. Adensam, Director
Page 2

offset the decreased flow rate from 86 gpm to 82.4 gpm. General Electric is preparing new Technical Specifications for this change. When the Technical Specification changes are completed, they will be forwarded to the Nuclear Regulatory Commission.

If you have any questions, please contact Mr. Rademacher of my staff.

Sincerely,



C. V. Mangan
Senior Vice President

NLR/CVM:ar
1535G

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

