

ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

REGULATOR INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9210080230 DOC. DATE: 92/09/25 NOTARIZED: NO DOCKET #
 FACIL: 50-244 Robert Emmet Ginna Nuclear Plant, Unit 1, Rochester G 05000244
 AUTH. NAME AUTHOR AFFILIATION
 MECREDY, R.C. Rochester Gas & Electric Corp.
 RECIP. NAME RECIPIENT AFFILIATION
 JOHNSON, A.R. Project Directorate I-3

SUBJECT: Responds to Phase I insp of MOV qualification program, per
 GL 89-10, documented in Insp Rept 50-244/92-80. Current plans
 re use of prototypical flow & differential pressure testing
 clarified.

DISTRIBUTION CODE: A001D COPIES RECEIVED: LTR 1 ENCL 0 SIZE: 2
 TITLE: OR Submittal: General Distribution

NOTES: License Exp date in accordance with 10CFR2,2.109(9/19/72). 05000244

RECIPIENT ID CODE/NAME	COPIES LTTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL
PD1-3 LA	1 1	PD1-3 PD	1 1
JOHNSON, A	2 2		
INTERNAL: NRR/DET/ESGB	1 1	NRR/DOEA/OTSB11	1 1
NRR/DST/SELB 7E	1 1	NRR/DST/SICB8H7	1 1
NRR/DST/SRXB 8E	1 1	NUDOCS-ABSTRACT	1 1
OG/LFMB	1 0	OGC/HDS1	1 0
REG FILE 01	1 1	RES/DSIR/EIB	1 1
EXTERNAL: NRC PDR	1 1	NSIC	1 1

POB4044444

NOTE TO ALL "RIDS" RECIPIENTS:

PLEASE HELP US TO REDUCE WASTE! CONTACT THE DOCUMENT CONTROL DESK.
 ROOM P1-37 (EXT. 504-2065) TO ELIMINATE YOUR NAME FROM DISTRIBUTION
 LISTS FOR DOCUMENTS YOU DON'T NEED!

TOTAL NUMBER OF COPIES REQUIRED: LTTR 16 ENCL 14



ROCHESTER GAS AND ELECTRIC CORPORATION • 89 EAST AVENUE, ROCHESTER N.Y. 14649-0001



ROBERT C. MECREDY
Vice President
Ginna Nuclear Production

TELEPHONE
AREA CODE 716 546-2700

September 25, 1992

U.S. Nuclear Regulatory Commission
Document Control Desk

Attn: Allen R. Johnson
Project Directorate I-3
Washington, D.C. 20555

Subject: Generic Letter 89-10: Parallel Train Motor-Operated
Valve (MOV) Testing
R. E. Ginna Nuclear Power Plant
Docket No. 50-244

Ref. (a): NRC Inspection Report No. 50-244/92-80, "Motor-Operated
Valve Inspection at R. E. Ginna Nuclear Power Plant".

Ref. (b): Letter from R. C. Mecredy (RG&E) to A. R. Johnson (NRC),
"Generic Letter 89-10: Clarification to Program to
Satisfy GL 89-10 Requirements", dated March 27, 1991.

Ref. (c): Letter from A. R. Johnson (NRC) to R. C. Mecredy (RG&E),
"Closeout of Generic Letter 89-10", dated March 6, 1992.

Dear Mr. Johnson:

This letter is in response to the NRC Phase I inspection of the Ginna Station MOV Qualification Program as documented in Reference (a). Specifically, this letter is intended to clarify the current plans of Rochester Gas & Electric Corporation (RG&E) regarding the use of prototypical flow and differential pressure (DP) testing.

In Reference (b), RG&E stated that the Generic Letter 89-10 MOV Program at Ginna Station requires design-basis DP testing to be performed on a minimum of one MOV in a parallel train of identical MOVs provided adequate margin above the thrust required to overcome DP is demonstrated. This would occur on a case-by-case basis, and require justification. If DP test results are satisfactory but adequate margin does not exist, the other MOVs would be DP tested. Nevertheless, it is the intention of RG&E to perform baseline design-basis DP testing on all program MOVs, whenever feasible. As practicable, this DP testing will be scheduled for completion within the time frame of Generic Letter 89-10, i.e. prior to the end of our 1994 refueling outage. RG&E is in the process of evaluating the feasibility for DP testing each program MOV and has instituted an aggressive DP test program in order to obtain baseline data on all program MOVs possible.

9210080230 920925
PDR: ADOCK 05000244
PDR

Handwritten: A001 Cert No 110 P034044144

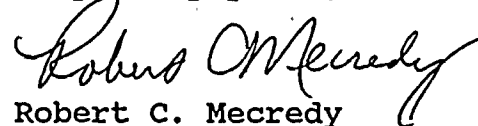
Handwritten scribbles and marks in the bottom left corner.

0800085

RG&E does not rely solely on any one method to ensure the operability of an MOV. DP testing is an integral part of an overall program which provides assurance of MOV performance. RG&E attempts to duplicate design-basis DP conditions; however, in most cases some limited amount of extrapolation to higher DP conditions than actually tested will be required. Typically, RG&E attempts to limit such extrapolation to less than 20% beyond tested conditions. For MOVs where 80% of the design-basis DP cannot be achieved, MOV setup will be accomplished using the best data and methods available, and then validated when results of the two-stage approach become available, as recommended in Generic Letter 89-10. Temperature and flow are considered and, as with DP, in-situ test conditions prototypical of design-basis conditions are attempted to be established.

As previously indicated in reference (c), RG&E is implementing a two-stage approach toward verification of MOV operability and reliability. All MOV setup and in-situ verification results will be evaluated considering the design-basis testing and predictive modeling of MOV behavior currently being developed as part of the second stage of this program. It is expected that present methods used for MOV setup and DP testing will be validated by this effort.

Very truly yours,


Robert C. Mecredy

KAM/243

xc: Mr. Allen R. Johnson (Mail Stop 14D1)
Project Directorate I-3
Washington, D.C. 20555

U.S. Nuclear Regulatory Commission
Region I
475 Allendale Road
King of Prussia, PA 19406

US NRC Ginna Senior Resident Inspector

