

Dr. Robert C. Mecredy  
Vice President, Nuclear Operations  
Rochester Gas and Electric Corporation  
89 East Avenue  
Rochester, NY 14649

February 3, 1999

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION REGARDING GENERIC LETTER  
96-05 PROGRAM AT THE R. E. GINNA NUCLEAR POWER PLANT (TAC NO.  
M97050)

Dear Dr. Mecredy:

On September 18, 1996, the NRC issued Generic Letter (GL) 96-05, "Periodic Verification of Design-Basis Capability of Safety-Related Motor-Operated Valves," to request that nuclear power plant licensees establish a program, or ensure the effectiveness of the current program, to verify on a periodic basis that safety-related motor-operated valves (MOVs) continue to be capable of performing their safety functions within the current licensing basis of the facility.

On March 3, 1998, you submitted an updated response to GL 96-05 indicating your intent to implement the provisions of a Joint Owners Group (JOG) Program on MOV Periodic Verification. The NRC staff has encouraged licensees to participate in the industry-wide JOG program to provide a benefit in reactor safety by sharing expertise and information on MOV performance and to increase the efficiency of GL 96-05 activities at nuclear plants. Licensee participation in the JOG program also minimizes the amount of information necessary for the NRC staff to review each licensee's response to GL 96-05. As a result, the NRC staff requires only limited information to complete its GL 96-05 review for Ginna.

Enclosed is a request for additional information regarding the GL 96-05 program at Ginna. Please provide a response within 60 days of the date of this letter.

Sincerely,

Original signed by:  
Guy S. Vissing, Senior Project Manager  
Project Directorate I-1  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

9902080181 990203  
PDR ADDCK 05000244  
P PDR

Docket No. 50-244

Enclosure: Request for Additional  
Information

cc w/encl: See next page

DISTRIBUTION:

Docket File

PUBLIC

PDI-1 R/F

J. Zwolinski

S. Bajwa

S. Little

G. Vissing

T. Scarbrough

OGC

ACRS

C. Cowgill, RGN I

1/1  
DF01

020114

NRC FILE CENTER COPY

DOCUMENT NAME: G:\

To receive a copy of this document, indicate in the box: "C" = Copy without attachment/enclosure "E" = Copy with attachment/enclosure "N" = No copy

OFFICE	PH:PDI-1	LA:PDI-1	D:PDI-1	
NAME	GVissing:lcc	SLittle	SBajwa	
DATE	02/2/99	02/2/99	02/3/99	02/ /99

OFFICIAL RECORD COPY

Dr. Robert C. Mecredy  
Vice President, Nuclear Operations  
Rochester Gas and Electric Corporation  
89 East Avenue  
Rochester, NY 14649

February 3, 1999

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION REGARDING GENERIC LETTER  
96-05 PROGRAM AT THE R. E. GINNA NUCLEAR POWER PLANT (TAC NO.  
M97050)

Dear Dr. Mecredy:

On September 18, 1996, the NRC issued Generic Letter (GL) 96-05, "Periodic Verification of Design-Basis Capability of Safety-Related Motor-Operated Valves," to request that nuclear power plant licensees establish a program, or ensure the effectiveness of the current program, to verify on a periodic basis that safety-related motor-operated valves (MOV's) continue to be capable of performing their safety functions within the current licensing basis of the facility.

On March 3, 1998, you submitted an updated response to GL 96-05 indicating your intent to implement the provisions of a Joint Owners Group (JOG) Program on MOV Periodic Verification. The NRC staff has encouraged licensees to participate in the industry-wide JOG program to provide a benefit in reactor safety by sharing expertise and information on MOV performance and to increase the efficiency of GL 96-05 activities at nuclear plants. Licensee participation in the JOG program also minimizes the amount of information necessary for the NRC staff to review each licensee's response to GL 96-05. As a result, the NRC staff requires only limited information to complete its GL 96-05 review for Ginna.

Enclosed is a request for additional information regarding the GL 96-05 program at Ginna. Please provide a response within 60 days of the date of this letter.

Sincerely,

Original signed by:  
Guy S. Vissing, Senior Project Manager  
Project Directorate I-1  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

Docket No. 50-244

Enclosure: Request for Additional  
Information

cc w/encl: See next page

DISTRIBUTION:

Docket File

PUBLIC

PDI-1 R/F

J. Zwolinski

S. Bajwa

S. Little

G. Vissing

T. Scarbrough

OGC

ACRS

C. Cowgill, RGN I

DOCUMENT NAME: G:\

To receive a copy of this document, indicate in the box: "C" = Copy without attachment/enclosure "E" = Copy with attachment/enclosure "N" = No copy

OFFICE	PH:PDI-1	LA:PDI-1	D:PDI-1	
NAME	GVissing:lcc	SLittle	SBajwa	
DATE	02/2/99	02/2/99	02/2/99	02/ /99

OFFICIAL RECORD COPY



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

February 3, 1999

Dr. Robert C. Mecredy  
Vice President, Nuclear Operations  
Rochester Gas and Electric Corporation  
89 East Avenue  
Rochester, NY 14649

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION REGARDING GENERIC LETTER  
96-05 PROGRAM AT THE R. E. GINNA NUCLEAR POWER PLANT (TAC NO.  
M97050)

Dear Dr. Mecredy:

On September 18, 1996, the NRC issued Generic Letter (GL) 96-05, "Periodic Verification of Design-Basis Capability of Safety-Related Motor-Operated Valves," to request that nuclear power plant licensees establish a program, or ensure the effectiveness of the current program, to verify on a periodic basis that safety-related motor-operated valves (MOV) continue to be capable of performing their safety functions within the current licensing basis of the facility.

On March 3, 1998, you submitted an updated response to GL 96-05 indicating your intent to implement the provisions of a Joint Owners Group (JOG) Program on MOV Periodic Verification. The NRC staff has encouraged licensees to participate in the industry-wide JOG program to provide a benefit in reactor safety by sharing expertise and information on MOV performance and to increase the efficiency of GL 96-05 activities at nuclear plants. Licensee participation in the JOG program also minimizes the amount of information necessary for the NRC staff to review each licensee's response to GL 96-05. As a result, the NRC staff requires only limited information to complete its GL 96-05 review for Ginna.

Enclosed is a request for additional information regarding the GL 96-05 program at Ginna. Please provide a response within 60 days of the date of this letter.

Sincerely,

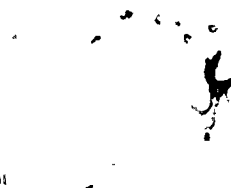
A handwritten signature in cursive script, appearing to read "Guy S. Vissing".

Guy S. Vissing, Senior Project Manager  
Project Directorate I-1  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

Docket No. 50-244

Enclosure: Request for Additional  
Information

cc w/encl: See next page



Dr. Robert C. Mecredy  
Rochester Gas and Electric Company

R.E. Ginna Nuclear Power Plant

cc:

Peter D. Drysdale, Sr. Resident Inspector  
R.E. Ginna Plant  
U.S. Nuclear Regulatory Commission  
1503 Lake Road  
Ontario, NY 14519

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

Mr. F. William Valentino, President  
New York State Energy, Research,  
and Development Authority  
Corporate Plaza West  
286 Washington Avenue Extension  
Albany, NY 12203-6399

Charles Donaldson, Esquire  
Assistant Attorney General  
New York Department of Law  
120 Broadway  
New York, NY 10271

Nicholas S. Reynolds  
Winston & Strawn  
1400 S Street N.W.  
Washington, DC 20005-3502

Ms. Thelma Wideman, Director  
Wayne County Emergency Management  
Office  
Wayne County Emergency Operations Center  
7336 Route 31  
Lyons, NY 14489

Ms. Mary Louise Meisenzahl  
Administrator, Monroe County  
Office of Emergency Preparedness  
111 West Falls Road, Room 11  
Rochester, NY 14620

Mr. Paul Eddy  
New York State Department of  
Public Service  
3 Empire State Plaza, 10th Floor  
Albany, NY 12223



REQUEST FOR ADDITIONAL INFORMATION ON RESPONSE OF  
R.E. GINNA NUCLEAR POWER PLANT TO GENERIC LETTER 96-05

1. In NRC Inspection Report No. 50-244/98-06, the NRC staff closed its review of the motor-operated valve (MOV) program implemented at R.E. Ginna Nuclear Power Plant (Ginna) in response to Generic Letter (GL) 89-10, "Safety-Related Motor-Operated Valve Testing and Surveillance." In the inspection report, the NRC staff discussed certain aspects of the licensee's MOV program to be addressed over the long term. For example, the inspectors noted that the licensee had established plans to perform additional dynamic tests or use the Electric Power Research Institute (EPRI) Performance Prediction Model (PPM) to provide a long-term basis for the predicted thrust and torque requirements applied to selected valves in Groups B, D, and E. The licensee should provide a summary status of the actions taken to address this specific long-term aspect of the MOV program at Ginna noted in the NRC inspection report.
2. In a letter dated November 18, 1996, the licensee stated its commitment to implement the Joint Owners Group (JOG) Program on MOV Periodic Verification in response to GL 96-05. The JOG program specifies that the methodology and discrimination criteria for ranking MOVs according to their safety significance are the responsibility of each participating licensee. As Ginna is a pressurized-water reactor (PWR) nuclear plant designed by Westinghouse, is the licensee applying the Westinghouse Owners' Group (WOG) methodology for ranking MOVs based on their safety significance as described in WOG Engineering Report V-EC-1658-A (Revision 2, dated August 13, 1998), "Risk Ranking Approach for Motor-Operated Valves in Response to Generic Letter 96-05," and the NRC safety evaluation dated April 14, 1998? If not, the licensee should describe the methodology used for risk ranking MOVs at Ginna in more detail, including a description of (1) the process used to develop sample lists of high-risk MOVs from other Westinghouse plants; and (2) how expert panels were used to evaluate MOV risk significance.
3. The JOG program focuses on the potential age-related increase in the thrust or torque required to operate valves under their design-basis conditions. In the NRC safety evaluation dated October 30, 1997, on the JOG program, the NRC staff specified that licensees are responsible for addressing the thrust or torque delivered by the MOV motor actuator and its potential degradation. The licensee should describe the plan at Ginna for ensuring adequate ac and dc MOV motor actuator output capability, including consideration of recent guidance in Limitorque Technical Update 98-01 and its Supplement 1.

