



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

April 26, 1995

Docket File

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

SUBJECT: ISSUANCE OF EXEMPTION FROM THE REQUIREMENTS OF 10 CFR PART 50,
APPENDIX J, R. E. GINNA NUCLEAR POWER PLANT REGARDING
(TAC NO. M91753)

Dear Dr. Mecredy:

By letter dated March 15, 1995, Rochester Gas and Electric Corporation (RG&E) requested exemption from the requirements of 10 CFR Part 50, Appendix J, Section III.D.3. Section III.D.3 requires Type C tests to be performed during each reactor shutdown for refueling but in no case at intervals greater than 2 years. This one-time exemption pertains to two parts of 10 CFR Part 50 Appendix J, Section III.D.3. First, RG&E requests a one-time exemption from performing Type C tests during the 1995 refueling outage except for:

- (1) containment isolation valves (CIVs) that have maintenance performed, and
- (2) CIVs that have not demonstrated acceptable leakage during the previous two leakage rate tests.

Second, RG&E requests a one-time exemption from performing Type C tests within a 2 year interval, as required by the regulation, up to a 1 month extension of the two year interval for 129 CIVs.

We find that granting the Exemption from the requirements of 10 CFR Part 50, Appendix J, Section III.D.3, is authorized by law, will not present an undue risk to public health and safety, is consistent with the common defense and security, and meets the special circumstances described in 10 CFR 50.12(a)(2)(ii).

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R. Mecredy

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April 26, 1995

A copy of the Exemption is enclosed. The Exemption has been forwarded to the Office of the Federal Register for publication.

Sincerely,

A handwritten signature in cursive script, appearing to read "Allen R. Johnson".

Allen R. Johnson, Project Manager
Project Directorate I-1
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Docket No. 50-244

Enclosure: Exemption

cc w/encl: See next page

Dr. Robert C. Mecredy

R.E. Ginna Nuclear Power Plant

cc:

Thomas A. Moslak, Senior Resident Inspector
R.E. Ginna Plant
U.S. Nuclear Regulatory Commission
1503 Lake Road
Ontario, NY 14519

Robert Hargrove
Environmental Review Coordinator
26 Federal Plaza
New York, NY 10278

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

Ms. Donna Ross
New York State Energy, Research,
and Development Authority
2 Empire State Plaza
Suite 1901
Albany, NY 12223-1253

Charlie Donaldson, Esq.
Assistant Attorney General
New York Department of Law
120 Broadway
New York, NY 10271

Nicholas S. Reynolds
Winston & Strawn
1400 L St. 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 Fall Road, Room 11
Rochester, NY 14620

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter of)	
)	
ROCHESTER GAS AND ELECTRIC COMPANY)	Docket No. 50-244
)	
(R. E. Ginna Nuclear Power Plant))	

EXEMPTION

I.

Rochester Gas and Electric Corporation (RG&E) is the holder of Facility Operating License No. DPR-18, which authorizes operation of R. E. Ginna Nuclear Power Plant at steady-state power levels up to a maximum of 1520 megawatts thermal. The facility is a pressurized water reactor located at the licensee's site in Wayne County, State of New York. The license provides among other things, that the facility is subject to all rules, regulations, and Orders of the Commission.

II.

Appendix J of Part 50 of Title 10 of the Code of Federal Regulations, "Primary Reactor Containment Leakage Testing for Water-Cooled Reactors," Section III.D.3, requires that Type C leakage rate testing be performed each reactor shutdown for refueling, but in no case at intervals greater than 2 years.

By letter dated March 15, 1995, RG&E requested a one-time Exemption from two parts of 10 CFR Part 50, Appendix J, Section III.D.3. First, RG&E requests an Exemption from performing Type C tests during the 1995 refueling

outage except for isolation valves which have maintenance performed on them or valves which have not demonstrated acceptable leakage during the previous two leakage rate tests. Second, RG&E requests an Exemption from performing Type C tests within a 2-year interval, as required by the regulation. RG&E requests up to a 1-month extension of the 2-year interval for 129 containment isolation valves.

The last Type C tests were performed during the 1994 refueling outage after March 10, 1994. RG&E stated in the March 15, 1995, letter that the 1996 refueling outage will commence on March 31, 1996, with Cold Shutdown reached on April 1, 1996. RG&E requested an Exemption from the 2 year test interval until April 10, 1996, an interval 1 month greater than the required 2 year test interval.

The R. E. Ginna Nuclear Power Plant has a total of 151 containment isolation valves. RG&E has proposed to exempt 129 of these valves from Type C testing during the 1995 refueling outage. The other valves would be tested during the 1995 refueling outage either because maintenance has been done on them or they have not passed the RG&E's criterion for exemption of two successful consecutive tests.

The NRC staff finds RG&E's proposal to be acceptable for several reasons. As discussed in RG&E's March 15, 1995 letter, the performance of the containment isolation valves and the R. E. Ginna Nuclear Power Plant overall containment integrity have been good. The as-left Type A test leakage rate is 35% of L_g . The current Type B and C as-left maximum path leakage rate is 61% of the $0.6 L_g$ Appendix J limit. Therefore, there is reasonable assurance that the 1-month extension of the 2-year interval will not result in exceeding the Appendix J limits.

In addition, RG&E has proposed to limit the Exemption only to those valves on which no maintenance has been done and which have passed the last two consecutive Type C leakage rate tests. The NRC staff has granted similar requests in the past. On February 2, 1994, the NRC staff granted a similar Exemption to the River Bend Station licensee, and by letter dated April 29, 1987, the NRC staff granted a similar request to the Washington Public Power Supply System, Unit 2 licensee.

The NRC staff, therefore, grants the requested one-time Exemption to the R. E. Ginna Nuclear Power Plant licensee subject to the condition that the Exemption apply only to those valves on which no maintenance has been done and which have passed the last two consecutive Type C leakage rate tests. The Exemption is granted until plant shutdown for the 1996 refueling outage, not to extend beyond April 10, 1996.

III.

Section 50.12 of the Commission's regulations permit granting an Exemption from the regulations when special circumstances are present. According to 50.12(a)(2)(ii), special circumstances are present whenever application of the regulation in question is not necessary to achieve the underlying purpose of the rule.

The underlying purpose of Appendix J, Section III.D.3, is to assure a leak tight containment to mitigate the consequences of an accident. The past leakage rate data and available margin to the allowed technical specifications, as discussed above, are sufficient to assure that the underlying purpose of Appendix J, Section III.D.3, is achieved.

IV.

Accordingly, the Commission has determined that, pursuant to 10 CFR 50.12, this Exemption is authorized by law, will not present an undue risk to the public health and safety, and is consistent with the common defense and security.

Accordingly, the Commission hereby grants an Exemption from 10 CFR Part 50, Appendix J, Section III.D.3.

Pursuant to 10 CFR 51.32, the Commission has determined that the granting of the Exemption will have no significant impact on the environment (60 FR 20513).

This Exemption is effective upon issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in black ink, appearing to read "Steven A. Varga", is written over the typed name and title.

Steven A. Varga, Director
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Dated at Rockville, Maryland,
this 26th day of April 1995

IV.

Accordingly, the Commission has determined that, pursuant to 10 CFR 50.12, this Exemption is authorized by law, will not present an undue risk to the public health and safety, and is consistent with the common defense and security.

Accordingly, the Commission hereby grants an Exemption from 10 CFR Part 50, Appendix J, Section III.D.3.

Pursuant to 10 CFR 51.32, the Commission has determined that the granting of the Exemption will have no significant impact on the environment (60FR 20513).

This Exemption is effective upon issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

Original signed by:

Steven A. Varga, Director
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Dated at Rockville, Maryland,
this 26th day of April 1995

*See previous concurrence

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April 26, 1995

A copy of the Exemption is enclosed. The Exemption has been forwarded to the Office of the Federal Register for publication.

Sincerely,

Original signed by:

Allen R. Johnson, Project Manager
Project Directorate I-1
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Docket No. 50-244

Enclosure: Exemption

cc w/encl: See next page

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