

DCS

APR 02 1991

Docket No. 50-244

Rochester Gas and Electric Corporation
ATTN: Mr. Robert C. Mecredy
Vice President
Ginna Nuclear Production
89 East Avenue
Rochester, New York 14649

Gentlemen:

Subject: Electrical Distribution System Functional Inspection (EDSFI)
for Ginna Plant

This letter confirms the dates of May 20-24, 1991 and June 3-7, 1991 for the EDSFI at Ginna Nuclear Power Plant. This inspection will take place at the Rochester Gas and Electric (RG&E) Corporate office in Rochester, New York, and at the Ginna plant site. A preinspection visit by the team to the RG&E Corporate office and to the Ginna site is also scheduled on May 6-9, 1991 to review the availability of documents and to gather information for this inspection. Our plans were discussed with you during a telephone call with Mr. Leonard Cheung of the NRC Region I office.

A management entrance meeting is scheduled for 2:00 p.m. on May 20, 1991, at the RG&E Corporate office. The management exit meeting is tentatively scheduled for 10:00 a.m. on June 7, 1991 at the RG&E Corporate office.

The primary objective of this inspection is to determine whether the electrical distribution system (EDS) as design, installed, and configured at Ginna is capable of performing its intended functions during all plant operating and accident conditions. A secondary objective is to assess RG&E's engineering and technical support provided to ensure operability of the EDS.

In order to perform this comprehensive team inspection effectively, we request that RG&E be prepared to provide, on May 6, 1991, a presentation which addresses, as a minimum, the following areas:

1. RG&E's primary organization, including managers, clearly identifying responsibility, accountability and flow of authority.
2. Station AC and DC distribution system arrangements.
3. Interlocks and ties to various offsite and onsite power sources. Also, lineup of breakers during normal, startup, and emergency operation of the plant.
4. Transfer capability of the EDS, following the loss of normal sources.
5. Specific regulatory commitments, if they are unique in nature.

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6. RG&E's in-house programs for controlling load growth, plant modification (including temporary modification) and setpoint controlling of protective relays.
7. RG&E's in-house monitoring program for plant operating experience, and self assessment programs, if any.
8. Methodology of emergency diesel generator load calculations and battery load calculations.

In addition, we request that you provide us at least two copies of the documents listed in the enclosure at the inspection site on May 6, 1991. Your cooperation with us during this inspection will be appreciated. Should you have any questions regarding this inspection, you can contact Mr. Leonard Cheung at 215-337-5296 or Mr. Cliff Anderson at 215-337-5376.

Sincerely,

Original Signed By:
Jacque P. Durr

Jacque P. Durr, Chief
Engineering Branch
Division of Reactor Safety

Enclosure: Ginna EDSFI Document List

cc w/encl:

R. Smith, Senior Vice President, Production and Engineering
Harry H. Voigt, Esquire
Central Records (4 copies)
Director, Power Division
State of New York, Department of Law
Ginna Hearing Service List
Public Document Room (PDR)
Local Public Document Room (LPDR)
Nuclear Safety Information Center (NSIC)
K. Abraham, PAO (18) SALP Reports and (2) All Inspection Reports
NRC Resident Inspector
State of New York, SLO Designee

bcc w/encl:

Region I Docket Room (with concurrences)
Management Assistant, DRMA (w/o encl)
J. Joyner, DRSS
M. Conner, SALP Reports Only
J. Johnson, DRP
E. McCabe, DRP
A. Johnson, PM, NRR
K. Brockman, EDO

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cc:


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Harry H. Voigt, Esquire
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E. McCabe, DRP
A. Johnson, PM, NRR
K. Brockman, EDO

RI:DRS 
Cheung/rw
3/25/91

RI:DRS 
Anderson
3/25/91


RI:DRS
Durr
3/3/91


RI:DRS
Hodges
3/1/91

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03/25/91



Binna Hearing List

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

ENCLOSURE

GINNA EDSFI DOCUMENT LIST

1. Corporate and onsite Engineering organization charts.
2. Station one-line diagrams for AC and DC system.
3. P&IDs of ventilation system associated with the electrical distribution system.
4. P&IDs of diesel generator's support systems such as fuel, water, lube oil, air, etc.
5. Elementary diagrams of major electrical distribution components.
6. Listing of plant modifications in the EDS area.
7. Significant modification packages related to the EDS and its mechanical support systems.
8. Listing of plant calculations for EDS and mechanical support systems.
9. Engineering calculations pertaining to load control, short circuit study, voltage study, equipment sizing, protective relays and equipment settings, coordination study, EDG load study, penetration sizing, cable ampacities, and battery sizing and load profile.
10. Listing of procedures and specifications relating to Engineering, Operations and Maintenance.
11. Procedures and guidelines for design and design change control process and temporary modifications.
12. Listing of LERS for the last five years related to the EDS function.
13. Listing of Temporary Modifications and nonconformance reports.
14. Battery capacity tests and surveillance tests documents for last 2 years.
15. Self assessment reports, QA audits in the engineering and technical support area.