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

April 12, 2000

SUBJECT: R. E. GINNA NUCLEAR POWER PLANT - AMENDMENT RE: LABORATORY TESTING OF NUCLEAR-GRADE ACTIVATED CHARCOAL (TAC NO. MA7266)

Dear Dr. Mecredy:

The Commission has issued the enclosed Amendment No. 77 to Facility Operating License No. DPR-18 for the R. E. Ginna Nuclear Power Plant. This amendment is in response to your application dated November 30, 1999.

The amendment revises Technical Specification 5.5.10, "Ventilation Filter Testing Program" to meet the actions requested by Generic Letter 99-02.

A copy of the related Safety Evaluation is also enclosed. A Notice of Issuance will be included in the Commission's biweekly Federal Register notice.

Sincerely,

/RA/

Guy S. Vissing, Sr. Project Manager, Section 1
Project Directorate I
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-244

Enclosures: 1. Amendment No. 77 to License No. DPR-18
2. Safety Evaluation

cc w/encls: See next page

DOCUMENT NAME: G:\PDI-1\GINN\AMDM7266.WPD

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NAME	GVissing		SLittle		S. Hom		MGamberoni (A)		~~JSegala~~ E. Weiss	
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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

April 12, 2000

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

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Guy S. Vissing, Sr. Project Manager, Section 1
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Docket No. 50-244

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2. Safety Evaluation

cc w/encls: See next page

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

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NRR-058

DATED: April 12, 2000

AMENDMENT NO. 77 TO FACILITY OPERATING LICENSE NO. DPR-18-GINNA NUCLEAR POWER PLANT

File Center
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OGC
G. Hill (2), T-5 C3
J. Segala
W. Beckner, 013/H15
ACRS
L. Doerflein, RI

cc: Plant Service list

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

ROCHESTER GAS AND ELECTRIC CORPORATION

DOCKET NO. 50-244

R. E. GINNA NUCLEAR POWER PLANT

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 77
License No. DPR-18

1. The Nuclear Regulatory Commission (the Commission or the NRC) has found that:

   A. The application for amendment filed by the Rochester Gas and Electric Corporation (the licensee) dated November 30, 1999, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations set forth in 10 CFR Chapter I;

   B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;

   C. There is reasonable assurance: (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;

   D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and

   E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 2.C.(2) of Facility Operating License No. DPR-18 is hereby amended to read as follows:

(2) Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 77 , are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective as of the date of its issuance and shall be implemented within 30 days.

FOR THE NUCLEAR REGULATORY COMMISSION

Elinor G. Adensam

for Marsha Gamberoni, Acting Chief, Section 1
Project Directorate I
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Attachment:
Changes to the Technical
Specifications

Date of Issuance: April 12, 2000

ATTACHMENT TO LICENSE AMENDMENT NO. 77

FACILITY OPERATING LICENSE NO. DPR-18

DOCKET NO. 50-244

Replace the following pages of the Appendix A Technical Specifications with the attached revised pages. The revised pages are identified by amendment number and contain marginal lines indicating the areas of change.

Remove	Insert
5.0-12	5.0-12
5.0-13	5.0-13

5.5 Programs and Manuals (continued)

5.5.10 Ventilation Filter Testing Program (VFTP)

A program shall be established to implement the following required testing of Engineered Safety Feature filter ventilation systems and the Spent Fuel Pool (SFP) Charcoal Adsorber System. The test frequencies will be in accordance with Regulatory Guide 1.52, Revision 2, except that in lieu of 18 month test intervals, a 24 month interval will be implemented. The test methods will be in accordance with Regulatory Guide 1.52, Revision 2, except as modified below.

a. Containment Post-Accident Charcoal System

1. Demonstrate the pressure drop across the charcoal adsorber bank is < 3 inches of water at a design flow rate (± 10%).

2. Demonstrate that an in-place Freon test of the charcoal adsorber bank shows a penetration and system bypass < 1.0%, when tested under ambient conditions.

3. Demonstrate that a laboratory test of a sample of the charcoal adsorber, when obtained as described in Regulatory Guide 1.52, Revision 2, shows a methyl iodide penetration of less than 14.5% when tested in accordance with ASTM D3803-1989 at a test temperature of 30°C (86°F) and a relative humidity of 95%.

b. Containment Recirculation Fan Cooler System

1. Demonstrate the pressure drop across the high efficiency particulate air (HEPA) filter bank is < 3 inches of water at a design flow rate (± 10%).

2. Demonstrate that an in-place dioctylphthalate (DOP) test of the HEPA filter bank shows a penetration and system bypass < 1.0%.

c. Control Room Emergency Air Treatment System (CREATS)

1. Demonstrate the pressure drop across the HEPA filter bank is < 3 inches of water at a design flow rate (± 10%).

(continued)

5.5 Programs and Manuals (continued)

5.5.10 VFTP (continued)

2. Demonstrate that an in-place DOP test of the HEPA filter bank shows a penetration and system bypass < 1.0%.

3. Demonstrate the pressure drop across the charcoal adsorber bank is < 3 inches of water at a design flow rate (± 10%).

4. Demonstrate that an in-place Freon test of the charcoal adsorber bank shows a penetration and system bypass < 1.0%, when tested under ambient conditions.

5. Demonstrate that a laboratory test of a sample of the charcoal adsorber, when obtained as described in Regulatory Guide 1.52, Revision 2, shows a methyl iodide penetration of less than 14.5% when tested in accordance with ASTM D3803-1989 at a test temperature of 30°C (86°F) and a relative humidity of 95%.

d. SFP Charcoal Adsorber System

1. Demonstrate that the total air flow rate from the charcoal adsorbers shows at least 75% of that measured with a complete set of new adsorbers.

2. Demonstrate that an in-place Freon test of the charcoal adsorbers bank shows a penetration and system bypass < 1.0%, when tested under ambient conditions.

3. Demonstrate that a laboratory test of a sample of the charcoal adsorber, when obtained as described in Regulatory Guide 1.52, Revision 2, shows a methyl iodide penetration of less than 14.5% when tested in accordance with ASTM D3803-1989 at a test temperature of 30°C (86°F) and a relative humidity of 95%.

The provisions of SR 3.0.2 and SR 3.0.3 are applicable to the VFTP frequencies.

(continued)

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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

RELATED TO AMENDMENT NO. 77 TO FACILITY OPERATING LICENSE NO. DPR-18

ROCHESTER GAS AND ELECTRIC CORPORATION

R. E. GINNA NUCLEAR POWER PLANT

DOCKET NO. 50-244

1.0 INTRODUCTION

By letter dated November 30, 1999, the Rochester Gas and Electric Corporation (the licensee) submitted a request for changes to the R. E. Ginna Nuclear Power Plant Technical Specifications (TSs). The requested changes would revise TS 5.5.10, "Ventilation Filter Testing Program" (VFTP) to meet the actions requested in Generic Letter (GL) 99-02.

2.0 EVALUATION

The U.S. Nuclear Regulatory Commission (NRC) staff, with the technical assistance from Brookhaven National Laboratory (BNL), has reviewed the licensee's submittals. In addition, the staff has reviewed the attached BNL Technical Evaluation Report (TER) regarding the proposed TS changes for the R. E. Ginna Nuclear Power Plant. Based on its review, the staff adopts the TER. In view of the above, and because the staff considers ASTM D3803-1989 to be the most accurate and most realistic protocol for testing charcoal in safety-related ventilation systems, the staff finds the proposed TS changes satisfy the actions requested in GL 99-02 and are acceptable.

3.0 STATE CONSULTATION

In accordance with the Commission's regulations, the New York State official was notified of the proposed issuance of the amendment. The State official had no comments.

4.0 ENVIRONMENTAL CONSIDERATION

This amendment changes a requirement with respect to the installation or use of a facility component located within the restricted area as defined in 10 CFR Part 20. The NRC staff has determined that the amendments involve no significant increase in the amounts, and no significant change in the types, of any effluents that may be released offsite, and that there is no significant increase in individual or cumulative occupational radiation exposure. The Commission has previously issued a proposed finding that the amendments involve no significant hazards consideration, and there has been no public comment on such finding (65 FR 4290). Accordingly, these amendments meet the eligibility criteria for categorical exclusion

set forth in 10 CFR 51.22(c)(9). Pursuant to 10 CFR 51.22(b) no environmental impact statement or environmental assessment need be prepared in connection with the issuance of the amendments.

5.0 CONCLUSION

The Commission has concluded, based on the considerations discussed above, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, (2) such activities will be conducted in compliance with the Commission's regulations, and (3) the issuance of the amendments will not be inimical to the common defense and security or to the health and safety of the public.

Attachment: BNL Technical Evaluation Report

Principal Contributor: John Segala

Date: April 12, 2000

ATTACHMENT

TECHNICAL EVALUATION REPORT
BROOKHAVEN NATIONAL LABORATORY
FOR THE OFFICE OF NUCLEAR REACTOR REGULATION
DIVISION OF SYSTEMS SAFETY AND ANALYSIS
PLANT SYSTEMS BRANCH
RELATED TO AMENDMENT TO FACILITY OPERATING LICENSE NO. DPR-18
ROCHESTER GAS AND ELECTRIC CORPORATION
R. E. GINNA NUCLEAR POWER PLANT
DOCKET NO. 50 - 244

1.0 INTRODUCTION

By letter dated November 30, 1999, Rochester Gas and Electric Corporation submitted its response to the actions requested in Generic Letter (GL) 99-02, "Laboratory Testing of Nuclear-Grade Activated Charcoal," dated June 3, 1999, for the R. E. Ginna Nuclear Power Plant. By letter dated November 30, 1999, Rochester Gas and Electric Corporation requested changes to the Technical Specifications (TS) Sections 5.5.10.a.3 for Containment Post-Accident Charcoal System (CPACS), 5.5.10.c.5 for the Control Room Emergency Air Treatment System (CREATS) and 5.5.10.d.3 for the Spent Fuel Pool Charcoal Adsorber System for the R. E. Ginna Nuclear Power Plant. The proposed changes would revise the TS surveillance testing of the safety related ventilation system charcoal to meet the requested actions of GL 99-02.

2.0 BACKGROUND

Safety-related air-cleaning units used in the engineered safety features (ESF) ventilation systems of nuclear power plants reduce the potential onsite and offsite consequences of a radiological accident by absorbing radioiodine. Analyses of design basis accidents assume particular safety related charcoal adsorption efficiencies when calculating offsite and control room operator doses. To ensure that the charcoal filters used in these systems will perform in a manner that is consistent with the licensing basis of a facility, licensees have requirements in their TS to periodically perform a laboratory test (in accordance with a test standard) of charcoal samples taken from these ventilation systems.

In GL 99-02, the staff alerted licensees that testing nuclear-grade activated charcoal to standards other than American Society for Testing and Materials (ASTM) D3803-1989, "Standard Test Method for Nuclear-Grade Activated Carbon," does not provide assurance for complying with their current licensing basis as it relates to the dose limits of General Design Criterion (GDC) 19 of Appendix A to Part 50 of Title 10 of the Code of Federal Regulations (10 CFR) and Subpart A of 10 CFR Part 100.

GL 99-02 requested that all licensees determine whether their TS reference ASTM D3803-1989 for charcoal filter laboratory testing. Licensees whose TS do not reference ASTM D3803-1989 were requested to either amend their TS to reference ASTM D3803-1989 or propose an alternative test protocol.

3.0 EVALUATION

3.1 Laboratory Charcoal Sample Testing Surveillance Requirements

The current and proposed laboratory charcoal sample testing TS surveillance requirements for the Containment Post-Accident Charcoal System (CPACS), the Control Room Emergency Air Treatement System (CREATS), and the Spent Fuel Pool Charcoal Adsorber System (SFPCAS) are shown in Table 1 and Table 2, respectively.

The proposed use of ASTM D3803-1989 is acceptable because it is consistent with the actions requested in GL 99-02. The proposed test temperature of 30 °C and relative humidity (RH) of 95% percent are acceptable for the CPACS, CREATS, and SFPCAS because they are consistent with ASTM D3803-1989 and the actions requested in GL 99-02.

The proposed efficiency for radioactive methyl iodide for the CPACS, CREATS, and SFPCAS $\geq$ 85.5 percent results in a safety factor of 2. The safety factor of 2 proposed for the CPACS, CREATS, and SFPCAS is acceptable because it is equal to the minimum safety factor of 2 specified in GL 99-02.

The licensee stated in the November 30, 1999 letter that the above systems have a face velocity of less than 110% of 40 fpm and it is not necessary to specify the face velocity in the proposed TS change. This is acceptable because it is consistent with the August 23, 1999 errata to GL 99-02.

4.0 CONCLUSION

On the basis of its evaluation, BNL recommends that the NRC staff consider the proposed TS changes to be acceptable.

Principal Contributor: Anthony N. Fresco
Date: March 10, 2000

TABLE 1 - CURRENT TS REQUIREMENTS

System Description						Current TS Requirements					
TS Section	System	Bed Thickness (inches)	Actual Charcoal		Credited Efficiency (methyl iodide)	Test Penetration (methyl iodide)	Safety Factor	Test Standard	Test Temp (° C)	Test RH	Test Face Velocity (fpm)
			Res. Time (sec)	Face Velocity (fpm)							
5.5.10.a.3	Containment Post-Accident Charcoal System (CPACS)	2	0.32	Not stated (31.2)*	71%	<10%	Not stated (2.9)**	RG 1.52, Rev. 2, March 1978	141°C (286°F)	95%	Not stated
5.5.10.c.5	Control Room Emergency Air Treatment System (CREATS)	2	0.23	Not stated (43.4)*	71%	<10%	Not stated (2.9)**	RG 1.52, Rev. 2, March 1978	52°C (125°F)	95%	Not stated
5.5.10.d.3	Spent Fuel Pool Charcoal Adsorber System (SFPCAS)	2	< 0.25	Not stated (40.0)*	71%	<10%	Not stated (2.9)**	RG 1.52, Rev. 2, March 1978	66°C (150°F)	95%	Not stated

* November 30, 1999 letter stated that face velocities were ≤ 110% of 40 fpm. Actual face velocity based on stated charcoal bed thicknesses and total residence times.

** Safety factor based on stated credited efficiencies and test penetrations.

TABLE 2 - PROPOSED TS REQUIREMENTS

System Description						Proposed TS Requirements					
TS Section	System	Bed Thickness (inches)	Actual Charcoal		Credited Efficiency (methyl iodide)	Test Penetration (methyl iodide)	Safety Factor	Test Standard	Test Temp (° C)	Test RH	Test Face Velocity (fpm)
			Res. Time (sec)	Face Velocity (fpm)							
5.5.10.a.3	Containment Post-Accident Charcoal System (CPACS)	2	0.32	Not stated (31.2)*	71%	<14.5%	2	ASTM D3803-1989	30	95%	40
5.5.10.c.5	Control Room Emergency Air Treatment System (CREATS)	2	0.23	Not stated (43.4)*	71%	<14.5%	2	ASTM D3803-1989	30	95%	40
5.5.10.d.3	Spent Fuel Pool Charcoal Adsorber System (SFPCAS)	2	< 0.25	Not stated (40.0)*	71%	<14.5%	2	ASTM D3803-1989	30	95%	40

* November 30, 1999 letter stated that face velocities were ≤ 110% of 40 fpm. Actual face velocity based on stated charcoal bed thicknesses and total residence times.

TABLE GL99-02 (R. E. GINNA NUCLEAR POWER PLANT)
(FOR NRC INFORMATION ONLY - 3/10/2000)

INDUSTRY RESPONSES TO GENERIC LETTER (GL) 99-02 ON LABORATORY TESTING OF NUCLEAR-GRADE ACTIVATED CHARCOAL

PLANT NAME	R. E. Ginna Nuclear Power Plant	DOCKET NUMBER(S)	50-244	UTILITY/LICENSEE	Rochester Gas and Electric Corporation
REACTOR TYPE	2 Loop PWR	TAC NUMBER(S)	MA7266	NSSS/ARCH. ENGR.	Westinghouse/Gilbert

ENGINEERED SAFETY FEATURES (ESF) VENTILATION SYSTEMS

No.	VENTILATION SYSTEM	GL GROUP (1-4)	TECH SPEC SECTIONS	CURRENT STANDARDS	ACTUAL FACE VELOCITY (FT/MIN)	COMMENTS
1	Containment Post-Accident Charcoal System (CPACS)	2	5.5.10.a.3	RG 1.52, Rev. 2, March 1978	Not stated (31.2)*	* November 30, 1999 letter stated that face velocities were ≤ 110% of 40 fpm. Face velocities as calculated based on bed depths and residence times.
2	Control Room Emergency Air Treatment System (CREATS)	2	5.5.10.c.5	RG 1.52, Rev. 2, March 1978	Not stated (43.4)*	
3	Spent Fuel Pool Charcoal Adsorber System (SFPCAS)	2	5.5.10.d.3	RG 1.52, Rev. 2, March 1978	Not stated (40.0)*	

GENERIC LETTER REQUESTED ACTION ITEMS

ITEM 1: Current Tech Spec (TS) Requirements for the Laboratory Testing of Charcoal Samples (Due by November 30, 1999) — November 30, 1999

No.	TEST PROTOCOL	TEST TEMPERA-TURE (°C)	TEST RELATIVE HUMIDITY (%)	TEST PENETRATION (%)	BED THICKNESS (INCHES)	RESIDENCE TIME/BED DEPTH (SEC)	COMMENTS
1	RG 1.52, Rev. 2, March 1978	≥286°F (141°C)	≥95%	≤10%	2	0.32 secs	
2	RG 1.52, Rev. 2, March 1978	≥125°F (52°C)	≥95%	≤10%	2	0.23 secs	
3	RG 1.52, Rev. 2, March 1978	≥150°F (66°C)	≥95%	≤10%	2	Variable (<0.25 secs)	

TABLE GL99-02 (R. E. GINNA NUCLEAR POWER PLANT)
(FOR NRC INFORMATION ONLY - 3/10/2000)

ITEM 2: Proposed TS Requirements - ASTM D3803-1989 Test Protocol (Due by November 30, 1999)						November 30, 1999
No.	TEST TEMPERATURE (°C)	TEST RELATIVE HUMIDITY (%)	TEST PENETRATION (%)	TEST FACE VELOCITY (FT/MIN)	NEXT TEST SCHEDULE	COMMENTS
1	30 °C	95%	<14.5%	40 ft/min	9/2000	*CREATS and SFPCAS have been tested to ASTM D3803-1989 since issuance of GL 99-02.
2	30 °C	95%	<14.5%	40 ft/min	As necessary due to use*	
3	30 °C	95%	<14.5%	40 ft/min	Prior to 9/2000*	
ITEM 3: Proposed TS Requirements - Alternate Test Protocol (Due by November 30, 1999)					13 Req. Items Available	Not Applicable
TEST TEMPERATURE (°C)		TEST RELATIVE HUMIDITY (%)	TEST PENETRATION (%)	FACE VELOCITY (FT/MIN)	NEXT TEST SCHEDULE	COMMENTS
Not Applicable		Not Applicable	Not Applicable	Not Applicable	Not Applicable	

ITEM 4: Charcoal Test Performed After August 2, 1999	See Item 2 above	COMMENTS
TESTED IN ACCORDANCE WITH ASTM D3803-1989 ?	Yes	RG&E initiated actions prior to August 2, 1999 such that laboratory testing of the ESF (CPACS and CREATS) and SFPCAS ventilation systems were in accordance with ASTM D3803-1989
NEW CHARCOAL PROCURED TO ASTM D3803-1989 ?	Not Stated	
CHARCOAL TEST RESULTS WITHIN ACCEPTABLE LIMITS WITH A SAFETY FACTOR OF 2 ?	Yes	
ITEM 5: Proposed Alternate Course of Action (Due by August 2, 1999)		Not Applicable
PLANS TO PURSUE A PROPOSED ALTERNATE COURSE OF ACTION		Not Applicable
SCHEDULE FOR SUBMITTING THE PROPOSED TEST PROTOCOL FOR NRC REVIEW (Due by November 30, 1999)		Not Applicable
BASIS FOR CONTINUED OPERATION OF AFFECTED SYSTEMS AND COMPONENTS		Not Applicable

ADOPTED CHARCOAL TEST PROTOCOL DATA (ASTM D3803-1989)

SPECIFICATIONS :	PRE-EQUILIBRIUM (FIRST 16HOURS)	EQUILIBRIUM, CHALLENGE, & ELUTION (FINAL 4 HOURS)	COMMENTS
TEST TEMPERATURE (°C)	30.0±0.4	30.0±0.2	30°C
RELATIVE HUMIDITY (%) Without Humidity Control With Humidity Control	91.0 to 96.0 68.0 to 71.0	93.0 to 96.0 68.0 to 71.0	95%
FACE VELOCITY (M/min)	12.2±0.6	12.2±0.3	Not stated
ABSOLUTE PRESSURE (kPa)	101±5	101±5	Not stated
BED DIAMETER AND DEPTH (mm)	50±1	50±1	Not stated
ADSORBATE CONCENTRATION (mg/M³)	Not Applicable	1.75±0.25	Not stated

SUMMARY OF TECHNICAL SPECIFICATION DATA (CURRENT & PROPOSED)

No.	VENTILATION SYSTEM	TECH SPEC SECTIONS	CREDITED EFFICIENCY (%)		TEST PENETRATION (%)		SAFETY FACTOR		TEST TEMPERATURE (°C)		TEST RELATIVE HUMIDITY (%)		COMMENTS
			CURR	PROP	CURR	PROP	CURR	PROP	CURR	PROP	CURR	PROP	
1	Containment Post-Accident Charcoal System (CPACS)	5.5.10.a.3	71%	71%	≤10%	<14.5%	Not stated (2.9)*	2.0	≥286°F (141°C)	30 °C	≥95%	95%	*Current safety factors based on credited efficiencies and current allowable penetrations.
2	Control Room Emergency Air Treatment System (CREATS)	5.5.10.c.5	71%	71%	≤10%	<14.5%	Not stated (2.9)*	2.0	≥125°F (52°C)	30 °C	≥95%	≥95%	
3	Spent Fuel Pool Charcoal Adsorber System	5.5.10.d.3	71%	71%	≤10%	<14.5%	Not stated (2.9)*	2.0	≥150°F (66°C)	30 °C	≥95%	95%	

CORRESPONDENCE/TELECONS WITH THE LICENSEE

NRC COMMENTS ON ORIGINAL BNL REQUEST FOR ADDITIONAL INFORMATION (RAI)
2/24/2000

PLANT NAME: R. E. GINNA NUCLEAR POWER PLANT

TAC: MA7266

NRC TARGET COMPLETION DATE: 6/30/2000

~~Potential~~ RAI

~~For the three (3) systems for which TS amendments are requested, i.e., Containment Post-Accident Charcoal System (CPACS), Control Room Emergency Air Treatment System (CREATS), and the Spent Fuel Pool Charcoal Adsorber System (SFPCAS).~~

~~1. Current safety factors and face velocities.~~

~~2. Proposed bed thicknesses.~~

~~***NOTE TO NRC: The licensee is requesting that the interval between laboratory testing be at every 24 months instead of every 18 months. The 24 month interval is already stated in the current TS.***~~ N/A

ORIGINAL BNL REQUEST FOR ADDITIONAL INFORMATION (RAI)
(DRAFT REV. 0, 2/22/2000)

PLANT NAME: R. E. GINNA NUCLEAR POWER PLANT

TAC: MA7266

NRC TARGET COMPLETION DATE: 6/30/2000

Potential RAI

For the three (3) systems for which TS amendments are requested, i.e., Containment Post-Accident Charcoal System (CPACS), Control Room Emergency Air Treatment System (CREATS), and the Spent Fuel Pool Charcoal Adsorber System (SFPCAS):

1. Current safety factors and face velocities.

2. Proposed bed thicknesses.

NOTE TO NRC: The licensee is requesting that the interval between laboratory testing be at every 24 months instead of every 18 months. The 24 month interval is already stated in the current TS.

CONTACT NAME/TELEPHONE:
NRC MONITOR: John Segala
BNL ENGINEER: Anthony Fresco
DATE/TIME: February 22, 2000