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CRUTCHFIELD,D. Operating Reactors Branch 5
RECIP.NAME RECIPIENT AFFILIATION
MAIER,J.E. Rochester Gas & Electric Corp.

SUBJECT: Forwards evaulation of SEP Topic III-8.A re loose parts monitoring & core barrel vibration program.Need to implement loose parts monitoring program will be determined during integrated assessment.

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December 28, 1981

Docket No. 50-244
LS05-81-12-083

Mr. John E. Maier, Vice President
Electric and Steam Production
Rochester Gas & Electric Corporation
89 East Avenue
Rochester, New York 14649

Dear Mr. Maier:

SUBJECT: SYSTEMATIC EVALUATION PROGRAM TOPIC III-8.A, LOOSE PARTS MONITORING AND CORE BARREL VIBRATION PROGRAM - R. E. GINNA

Enclosed is a copy of our evaluation of Systematic Evaluation Program Topic III-8.A.

You are requested to examine the facts upon which the staff has based its evaluation and respond either by confirming that the facts are correct, or by identifying errors and supplying the corrected information. We encourage you to supply any other material that might affect the staff's evaluation of this topic or be significant in the integrated assessment of your facility.

The need to actually implement a Loose Parts Monitoring Program will be determined during the integrated safety assessment.

Your response is requested as soon as possible. If no response is received by the time the next phase of the integrated assessment of your facility begins, we will assume that you have no comments or corrections.

Sincerely,

Dennis M. Crutchfield, Chief
Operating Reactors Branch No. 5
Division of Licensing

Add: Alan Wang

Enclosure:
As stated

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cc w/enclosure:
See next page

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

December 28, 1981

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Sincerely,

Walter A. Paulson

for Dennis M. Crutchfield, Chief
Operating Reactors Branch No. 5
Division of Licensing

Enclosure:
As stated

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Washington, D. C. 20555

SYSTEMATIC EVALUATION PROGRAM
TOPIC III-8.A

GINNA

TOPIC: III-8.A, LOOSE PARTS MONITORING AND CORE BARREL VIBRATION PROGRAM

I. INTRODUCTION

The purpose of this topic is to review the inservice surveillance program to detect loose parts and excessive motion of the main core support structure. The objective is to detect loose parts or excessive vibration before they can cause flow blockage or mechanical damage to the fuel or other safety related components.

II. REVIEW CRITERIA

Standard Review Plan (SRP) Section 4.4., Regulatory Guide (R.G.) 1.133.

III. RELATED SAFETY TOPICS AND INTERFACES

V-1 Compliance with codes and standards (10 CFR 50.55a).

IV. REVIEW GUIDELINES

See Evaluation.

V. EVALUATION

1. LOOSE PARTS MONITORING:

R.G. 1.133, "Loose-Part Detection Program for the Primary System of Light-Water-Cooled Reactors," Revision 1, describes features for monitoring loose parts within the reactor coolant pressure boundary (RCPB). These features include sensors strategically located on the exterior surface of the RCPB capable of detecting acoustic disturbances, specifications for system sensitivity, alert levels, data acquisition modes and other system and procedural requirements. Ginna does not have a loose parts monitoring program that meets the criteria of this guide.

2. CORE BARREL VIBRATION:

This concern is only for plants built by Combustion Engineering and has been resolved generically.

VI. CONCLUSION

1. A Loose Parts Monitoring Program, (i.e., detection system and procedures as specified in Section C.2 and C.3 of R.G. 1.133, Rev. 1) as currently required for new facilities does not exist at the Ginna facility.

2. This issue is deleted for Ginna.

The need to actually implement a Loose Parts Monitoring Program will be determined during the integrated assessment.