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Dockets Nos. 50-269
50-270
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Duke Power Company
ATTN: Mr. William O. Parker, Jr.
Vice President
Steam Production
Post Office Box 2178
422 South Church Street
Charlotte, North Carolina 28242

Gentlemen:

RE: OCONEE STATION, UNITS 1, 2 & 3

The NRC considers Loose-Parts Monitoring Systems (LPMS) to be valuable and proven tools for detecting foreign, misplaced, or loose objects in reactor coolant systems. To assist us in preparing Regulatory Guides regarding installation and operation of LPMS, we would appreciate the benefit of your experience with LPMS. The information you provide will directly contribute to the accuracy and usefulness of these Regulatory Guides.

Accordingly, it would be appreciated if you could provide us written responses to the enclosed questions in the near future, and if at all possible, prior to November 1, 1976.

This request for generic information was approved by GAO under a blanket clearance number B-180225 (R0072); this clearance expires July 31, 1977.

Sincerely,

Original signed by

A. Schwencer, Chief
Operating Reactors Branch #1
Division of Operating Reactors

Enclosure:
Request for Information

cc w/encl:
See next page

OFFICE		DOR:ORB#1	DOR:ORB#3	DOR:ORB#1		
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DATE		10/05/76	10/ /76	10/ /76		

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cc: Mr. William L. Porter
Duke Power Company
P. O. Box 2178
422 South Church Street
Charlotte, North Carolina 28242

Mr. Troy B. Conner
Conner & Knotts
1747 Pennsylvania Avenue, N. W.
Washington, D. C. 20006

Oconee Public Library
201 South Spring Street
Walhalla, South Carolina 29691

REQUESTS FOR INFORMATION ON
OPERATING EXPERIENCE WITH LOOSE-PARTS
AND LOOSE-PARTS MONITORING SYSTEMS (LPMS)

1. Please briefly describe any events in which a loose-part was found in your primary loop. Discuss, for each such event, the procedures used to discover the loose-part, its safety consequences and the measures taken to remove it. Assess the usefulness of a LPMS for each of the occurrences described above.

2. Please describe briefly: your LPMS and its operation, the length of time it has been in operation, and the extent of monitoring (e.g., continuously, automatic actuation, etc.).

3. Please describe the operating experience to date including any false alarms or spurious signals. If either have occurred, please describe each event. Similarly, has any event occurred that should have, but did not, cause a noise indication? If so, please describe each event.

4. Discuss the cost/benefit considerations of your LPMS, and your degree of confidence in such systems.