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SEP 30 1976

Docket No. 50-313

Arkansas Power & Light Company
ATTN: Mr. J. D. Phillips
Senior Vice President
Production, Transmission
and Engineering
Sixth and Pine Streets
Pine Bluff, Arkansas 71601

Gentlemen:

RE: ARKANSAS NUCLEAR ONE - UNIT NO. 1 (ANO-1)

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
Dennis L. Ziemann
Dennis L. Ziemann, Chief
Operating Reactors Branch #2
Division of Operating Reactors

Enclosure:
Request for Information

cc w/enclosure:
See next page

OFFICE ➤	DOR:ORB #2	DOR:ORB #3	DOR:ORB #2			
SURNAME ➤	WEConverse:rd	DJaffe	DLZiemann			
DATE ➤	9/29/76	9/30/76	9/30/76			

8004220955

cc w/enclosure:
Horace Jewell, Esquire
House, Holms & Jewell
1550 Tower Building
Little Rock, Arkansas 72201

Mr. Donald Rueter
Manager, Licensing
Arkansas Power & Light Company
Post Office Box 551
Little Rock, Arkansas 72201

Arkansas Polytechnic College
Russellville, Arkansas 72801

OFFICE ➤						
SURNAME ➤						
DATE ➤						

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.

OFFICE ➤						
SURNAME ➤						
DATE ➤						