



ARKANSAS POWER & LIGHT COMPANY

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March 27, 1989

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ATTN: Mr. Jose A. Calvo, Director  
Project Director, Region IV  
Division of Reactor Projects  
III, IV, V and Special Projects

SUBJECT: Arkansas Nuclear One - Unit 2  
Docket No. 50-368  
License No. NPF-6  
Ten Year Inservice Inspection Program Reports  
For The Sixth (2R6) Refueling Outage

Dear Mr. Calvo:

Inservice Inspection (ISI) program examinations of Arkansas Nuclear One, Unit 2 (ANO-2) were conducted during the sixth (2R6) refueling outage to fulfill the requirements of the 1974 Edition of Section XI of the ASME Boiler and Pressure Vessel Code. Selection of components to be inspected was in accordance with the 1974 Edition of Section XI including addendas through the Summer of 1975.

During the inspection, four types of examinations were performed: Ultrasonic, Liquid Penetrant (PT), Magnetic Particle (MT) and Visual. These examinations were conducted by qualified personnel supplied by Combustion Engineering. Written procedures were developed by Combustion Engineering and approved by Arkansas Power & Light Company (AP&L) and Hartford Steam Boiler Inspection and Insurance Company. Overall supervisory control of the program was supplied by personnel from the Examination and Process Department of Combustion Engineering, Inc.

During the course of the 2R6 inspection, 23 ultrasonic recordable indications were found: 2 of which were in reactor vessel welds, 1 located in a long seam weld in the beltline region and 1 in a shell to nozzle weld.

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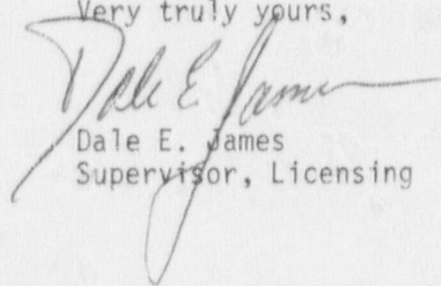
The other 21 recordable indications were located in piping welds. Even though these were recordable indications, they were evaluated as being geometric and are acceptable per Code and will require no further examination. There were 4 rejectable PT indications, which after minor buffing were re-examined and found to be acceptable. Visual examinations of component supports revealed rejectable conditions in 32 of these supports. Some of the rejectable conditions were evaluated by engineering as acceptable to use-as-is while others were adjusted or repaired, reexamined and found to be acceptable with no further examinations required.

Pursuant to the ASME Code requirements for filing ISI Reports, the following are submitted as enclosures to this letter:

Volume 15  
Volumes 16, 16A, 16B, 16C

2R6 Inspection Report  
2P6 Inspection Examination Data

Very truly yours,



Dale E. James  
Supervisor, Licensing

DEJ:RP:de

Enclosures