

yellow

September 13, 1982

50-348

Alabama Power Company
ATTN: R. P. McDonald
Vice President-Nuclear Generation
P. O. Box 2641
Birmingham, AL 35291

Gentlemen:

In response to your letter of August 12, 1982, relative to inspections required by IE Bulletin 79-13, Region II concurs with the planned action except as follows:

1. The steam generator feedwater nozzle to pipe weld areas should be re-radiographed at the upcoming first refueling outage as required by the Bulletin. The need for the inspection of this area is based on the thermal fatigue cracking found at other facilities, which resulted from a temperature stratification from the top of the nozzle to bottom of the nozzle during certain operating conditions. The previous inspection of Farley 2 nozzle weld areas occurred after hot functional testing or prior to any operating history. Therefore, the inspection should be repeated, as required by the Bulletin, after some operating history (1st refueling). The nozzle to pipe welds and the required base material on both sides of the weld should be radiographed using the most sensitive techniques practical with a minimum sensitivity of 2T.

Since the nozzle to pipe weld area has been identified as the main area of concern and the other feedwater system welds, supports, etc., covered by the Bulletin have been inspected, inspection of only the nozzle to pipe weld areas at the first refueling outage satisfies the intent of the Bulletin.

2. Your December 3, 1980, letter indicates that the original IE Bulletin 79-13 radiographs for the remaining portions of the feedwater system would be retained for information only. Since these welds will not be re-radiographed, the original radiographs should be retained as the official radiographs to satisfy the Bulletin.

It is our understanding, based on our telecon (H. Dance to O. Kingsley, Jr., on September 8, 1982), that you concur with our position that the nozzle to pipe welds be radiographed in accordance with the Bulletin at the upcoming first refueling outage.

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Should you have any questions concerning this letter, we will be glad to discuss them with you.

Sincerely,

(Original signed by R. C. Lewis)

R. C. Lewis, Director
Division of Project and
Resident Programs

- cc: W. O. Whitt, Executive Vice President
- F. L. Clayton, Jr., Senior Vice President
- H. O. Thrash, General Manager-Nuclear Generation
- O. D. Kingsley, Jr., Manager, Nuclear Engineering
and Technical Services
- J. W. McGowan, Manager-Safety Audit
and Engineering Review
- W. G. Ware, Supervisor-Safety Audit
and Engineering Review
- W. G. Hairston, III, Plant Manager
- R. A. Thomas
- G. F. Trowbridge
- E. A. Reeves
- W. H. Brauford

bcc: Document Management Branch
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