

Mailing Address
Alabama Power Company
600 North 18th Street
Post Office Box 2641
Birmingham, Alabama 35291
Telephone 205 783-6081

F. L. Clayton, Jr.
Senior Vice President
Flintridge Building



January 17, 1983

Docket No. 50-364

U. S. Nuclear Regulatory Commission
Region II, Suite 3100
101 Marietta Street N. E.
Atlanta, GA 30303

Attention: Mr. J. P. O'Reilly, Administrator

Joseph M. Farley Nuclear Plant - Unit 2
IE Bulletin Number 82-02

Gentlemen:

In accordance with IE Bulletin 82-02, subject: "Degradation of Threaded Fasteners in the Reactor Coolant Pressure Boundary of PWR Plants," the following is submitted:

NRC REQUEST:

Submit a statement that where procedures do not exist, develop and implement maintenance procedures for threaded fastener practices. These procedures should include, but not [be] limited to the following:

- (1) maintenance crew training of proper bolting/stud practices, tools application, specifications and requirements,
- (2) detensioning and retensioning practices (torque iteration), specified tolerances, and other controls for disassembly and reassembly of component closure/seal connections,
- (3) gasket installation and controls, and
- (4) retensioning methods and other measures to eliminate reactor coolant leakage during operation.

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Quality assurance measures should also be established for proper selection, procurement, and application of fastener lubricants and injection sealant compounds to minimize fastener susceptibility to SCC environments.

APCO RESPONSE:

The above required maintenance procedures and quality assurance measures have been established and incorporated into Farley Nuclear Plant procedures.

NRC REQUEST:

Threaded fasteners of closure connections, identified in the scope of this bulletin, when opened for component inspection or maintenance shall be removed, cleaned, and inspected per IWA-2210 and IWA-2220 of ASME Code Section XI (1974 edition or later) before being reused. Identify the specific connections examined and provide the results of this examination.

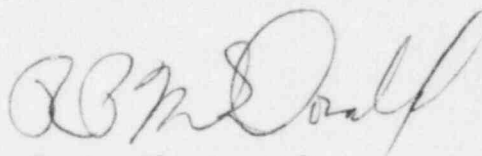
APCO RESPONSE:

The below listed threaded fasteners of closure connections were routinely opened for component inspection/maintenance during the recent Unit 2 refueling outage with the following results:

<u>Closure Description</u>	<u>Type of Examination</u>	<u>Results</u>
Steam Generators A, B and C Hot and Cold Leg Manways	Removed - Wet Magnetic Particle and Visual	No degradation
Reactor Coolant Pumps B and C #1 Seal Housing	Removed - Wet Magnetic Particle, Ultrasonic and Visual	No degradation
Hi/Lo Head SI Check Valve Q2E11V051A	Removed - Wet Magnetic Particle and Visual	No degradation

This completes Alabama Power Company's Unit 2 requirements for IE Bulletin Number 82-02. If you have any questions, please advise.

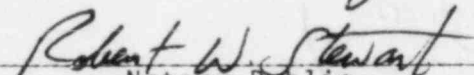
Yours very truly,

for 
F. L. Clayton, Jr.

FLCJr/JAR:mjh-D33

- cc: Mr. R. A. Thomas
- Mr. G. F. Trowbridge
- Mr. S. A. Varga
- Mr. E. A. Reeves
- Mr. W. H. Bradford

SWORN TO AND SUBSCRIBED BEFORE ME
THIS 17th DAY OF January, 1983


Notary Public

My Commission Expires

10/27/85