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ACCESSION NBR: 9602260394 DOC. DATE: 96/02/22 NOTARIZED: NO DOCKET #
 FACIL: 50-269 Oconee Nuclear Station, Unit 1, Duke Power Co. 05000269
 50-270 Oconee Nuclear Station, Unit 2, Duke Power Co. 05000270
 50-287 Oconee Nuclear Station, Unit 3, Duke Power Co. 05000287

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SUBJECT: Forwards schedule for Class I analysis of RCS branch piping
 at plant. Dates in attached schedule for info only & not
 considered NRC commitments.

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DUKE POWER

February 22, 1996

U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555

Subject: Duke Power Company
Oconee Nuclear Site
Docket Nos. 50-269, -270, -287
RCS Auxiliary Piping Fatigue Analysis Issue

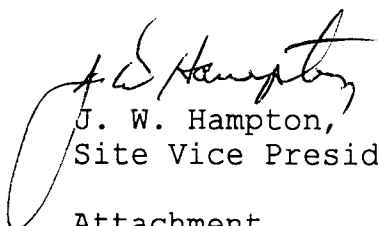
Per letter dated June 26, 1995, Duke committed to develop a schedule for the completion of a USAS B31.7 Piping Code fatigue analyses for portions of Reactor Coolant System attached piping. As described in a letter dated June 26, 1995, Duke has committed to complete the fatigue analyses by August 31, 1999. In order to meet the completion date of August 31, 1999, Duke intends to follow the schedule provided in the Attachment.

As described in an NRC letter dated July 10, 1995, Duke intends to promptly notify the NRC if there are any delays which would affect the completion date of August 31, 1999. However, the dates in the attached schedule are for information only and are not considered NRC commitments.

Information leading to this commitment to the NRC can also be found in further detail in letters dated August 30, 1994, (NRC to Duke), October 3, 1994, (Duke to NRC), and April 27, 1995, (NRC to Duke).

If there are any questions or further information is needed, you may contact D. A. Nix at (864) 885-3634.

Very truly yours,


J. W. Hampton,
Site Vice President

Attachment

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U. S. Nuclear Regulatory Commission
February 22, 1996
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 Washington, DC 20555

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Attachment

SCHEDULE FOR CLASS I ANALYSIS OF RCS BRANCH PIPING AT OCONEE NUCLEAR STATION

Duke Power has made extensive efforts in scoping the required activities to complete the USAS B31.7 Class I fatigue analyses. Applicable flow diagrams were reviewed to identify all sections of piping that require fatigue analyses. The geometric layout of each section of piping identified was compared between the three Oconee units to more accurately estimate the hours required to complete the analyses. In addition, the existing calculations for these sections of piping were also reviewed.

The portions of piping in the following systems have been identified as needing a Class I analysis:

1. Low Pressure Injection (LPI) - Decay Heat Removal Return
2. LPI - Decay Heat Removal Dropline (including Dump-to-Sump)
3. Core Flood
4. Pressurizer Spray
5. Auxiliary Spray
6. High Pressure Injection (HPI) - Emergency Injection
7. HPI - Normal Makeup
8. HPI - Letdown
9. Loop Drains

The envisioned progression for the analysis is provided below. This progression is subject to change as analysis details are developed.

1. Core Flood & LPI Return (contained in one piping analysis model)
2. Pressurizer Spray & Auxiliary Spray (contained in one piping analysis model)
3. Decay Heat Removal Dropline including Dump-to-Sump
4. HPI Normal Makeup & HPI Emergency Injection (contained in one piping analysis model).
5. HPI Letdown
6. Loop Drains

The tentative schedule for completing these analyses is given below:

- Complete bid evaluation and vendor selection - 5/96
- Begin development of specifications required to perform these analyses - 5/96
- Complete development of all required specifications - 12/96
- Begin Class I analysis on Core Flood & LPI Return lines - 1/97
- Begin Class I analysis on Pressurizer Spray & Auxiliary Spray lines- 6/97
- Begin Class I analysis on Decay Heat Dropline including Dump-to-Sump - 7/97
- Begin Class I analysis on HPI Normal Makeup & Emergency Injection - 12/97
- Begin Class I analysis on HPI Letdown line- 1/98
- Complete Class I analyses on all systems except the Loop Drains - 12/98
- Begin Class I analysis on Loop Drains - 1/99
- Complete Class I evaluations on the Loop Drains - 6/99
- All fatigue analyses completed and documented - 8/31/99

The above schedule dates are based on the existing best estimate of workscope. These dates will be subject to change. However, Duke intends to fulfill its commitment of completing all the analyses by 8/31/99.