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SUBJECT: Submits addl info re exam of HPI nozzle safe-end for Unit 1,
as follow up to previous ltr dtd 970806 re ISI program for
third 10-Yr ISI interval.

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September 10, 1997

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

Subject: Duke Power Company
Oconee Nuclear Station, Units 1, 2, and 3
Docket Nos. 50-269, -270, -287
Inservice Inspection Program
Third Ten-Year Inservice Inspection Interval
Generic Letter 85-20 Supplemental Information

In a letter dated August 6, 1997, Duke Energy (Duke) submitted a revision to the Oconee Third Ten-Year Inservice Inspection (ISI) Program. This revision was made to enhance and clarify the general requirements of the Augmented Inspection Program, and to meet or exceed the requirements previously committed to in Generic Letter (GL) 85-20 regarding examination of High Pressure Injection (HPI) System nozzle components.

As a follow up to our previous letter dated August 6, 1997, Duke offers the following additional information regarding the examination of the HPI Nozzle Safe-End for Oconee Unit 1:

- The examinations were performed while Oconee Unit 1 was at cold shutdown. The temperature of the components examined ranged from 80 to 83° F.

As of 10

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- There were basically three different types of UT examinations performed. (1) The UT examination of the HPI Nozzle and HPI Nozzle Inside Radius was performed to meet the requirements of the 1989 Edition of ASME Section XI, Appendix I. (2) The UT examination of the HPI Safe-End to HPI Nozzle weld was performed to meet the requirements of the 1989 Edition of ASME Section XI, Appendix III. (3) The UT examination of the Safe-End base metal, Pipe to Safe-End Weld, Pipe to Valve Weld and the Base Metal of the Piping (between the Pipe to Safe-End weld and Pipe to Valve weld) was performed to meet the requirements of the 1992 Edition with the 1993 Addenda of ASME Section XI, Appendix VIII. The reason for using Appendix III for the HPI Safe-End to HPI Nozzle Weld was that an Appendix VIII examination procedures had not been qualified by Duke for dissimilar metal welds at the time that the examinations were performed.
- Additionally, six months prior to the start of the Fourth Inservice Inspection Interval, Duke will submit a letter to describe the frequency and type of examinations to be performed on the HPI Nozzle components for all three Units at Oconee Nuclear Station.

If there are any questions you may contact D. A. Nix at (864) 885-3634.

Very truly yours,


W. R. McCollum, Jr. for
Site Vice-President

U. S. Nuclear Regulatory Commission

September 10, 1997

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