



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

June 11, 1998

30-260/296

Mr. O. J. Zeringue
Chief Nuclear Officer
and Executive Vice President
Tennessee Valley Authority
6A Lookout Place
1101 Market Street
Chattanooga, Tennessee 37402-2801

SUBJECT: BROWNS FERRY NUCLEAR PLANT, UNITS 2 AND 3 – COMPLETION OF
LICENSING ACTION FOR GENERIC LETTER 97-04
(TAC NOS: M99964 AND M99965)

Dear Mr. Zeringue

The U.S. Nuclear Regulatory Commission (NRC) issued Generic Letter (GL) 97-04, "Assurance of Sufficient Net Positive Suction Head for Emergency Core Cooling and Containment Heat Removal Pumps," to all holders of operating licenses or construction permits on October 7, 1997. The objective of GL 97-04 was to confirm the adequacy of the net positive suction head (NPSH) available for emergency core cooling (including core spray and decay heat removal) and containment heat removal pumps under all design-basis accident scenarios.

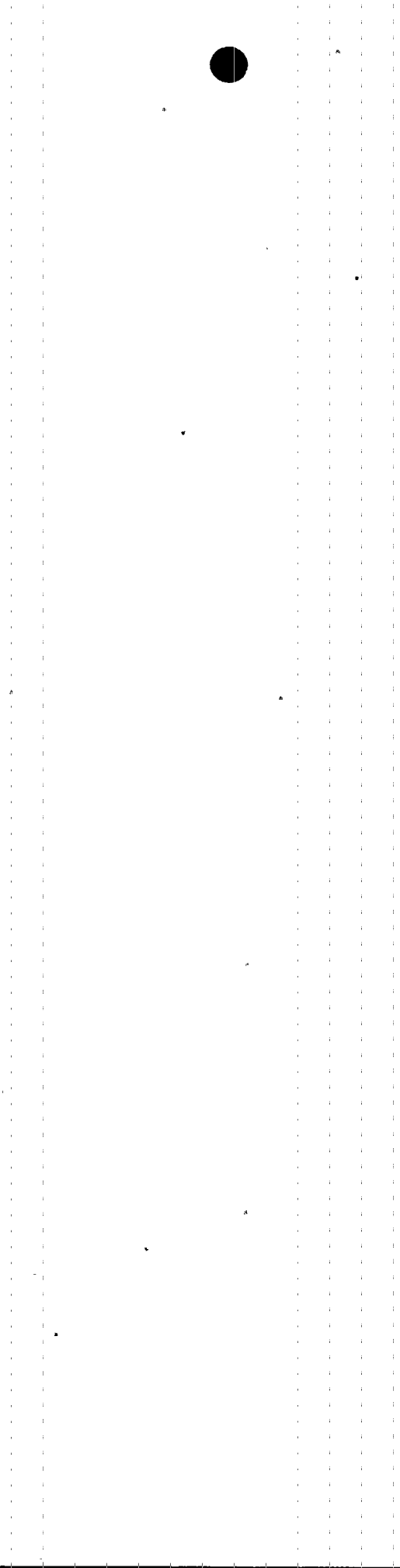
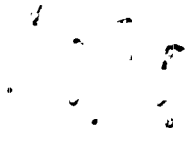
GL 97-04 requested the following information:

1. Specify the general methodology used to calculate the head loss associated with the Emergency Core Cooling System (ECCS) suction strainers.
2. Identify the required NPSH and the available NPSH.
3. Specify whether the current design-basis NPSH analysis differs from the most recent analysis reviewed and approved by the NRC for which a safety evaluation was issued.
4. Specify whether containment overpressure (i.e., containment pressure above the vapor pressure of the sump or suppression pool fluid) was credited in the calculation of available NPSH. Specify the amount of overpressure needed and the minimum overpressure available.
5. When containment overpressure is credited in the calculation of available NPSH, confirm that an appropriate containment pressure analysis was done to establish the minimum containment pressure.

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Mr. O. J. Zeringue

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June 11, 1998

The Tennessee Valley Authority (TVA) responded to GL 97-04 by letters dated October 31, 1997, January 5, 1998 and March 24, 1998 for Browns Ferry Nuclear Plant, Units 2 and 3. The staff has reviewed TVA's response to GL 97-04, and has concluded that all requested information has been provided. Therefore, we consider GL 97-04 to be closed for Browns Ferry, Units 2 and 3.

Sincerely,

/s/

Albert W. De Agazio, Sr. Project Manager
Project Directorate II-3
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Docket Nos. 50-260 and 50-296
Serial No. BFN-98-015

cc: See next page

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Sincerely,



Albert W. De Agazio, Sr. Project Manager
Project Directorate II-3
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Mr. O. J. Zeringue
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BROWNS FERRY NUCLEAR PLANT

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