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AUTH.NAME AUTHOR AFFILIATION *See Annual Radiological Environ*

ABNEY, T.E. Tennessee Valley Authority *Operating Report*

RECIP.NAME RECIPIENT AFFILIATION

Records Management Branch (Document Control Desk)

SUBJECT: Forwards "Annual Radiological Environ Operating Rept Browns Ferry Nuclear Plant 1998." Rept includes results of land use censuses, summarized & tabulated results of radiological environ samples in format of Reg Guide 4.8 & NUREG-1302. C
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Tennessee Valley Authority, Post Office Box 2000, Decatur, Alabama 35609

April 27, 1999

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Gentlemen:

In the Matter of)	Docket Nos. 50-259
Tennessee Valley Authority)	50-260
		50-296

BROWNS FERRY NUCLEAR PLANT (BFN) - UNITS 1, 2, AND 3 - ANNUAL
RADIOLOGICAL ENVIRONMENTAL OPERATING REPORT (AREOR) REPORT -
JANUARY THROUGH DECEMBER 1998

In accordance with the BFN Technical Specifications (TS)
Section 5.6.2, TVA is submitting the AREOR report for BFN
Units 1, 2, and 3. This report covers the period from
January through December 1998.

TS Section 5.6.2 requires that the enclosed AREOR report
contain summaries, interpretations, and analyses of trends
of the results of the Radiological Environmental Monitoring
Program for the reporting period. In addition, the BFN
Offsite Dose Calculation Manual, Section 5.1, requires the
AREOR to include the following information:

- Results of land use censuses
- Summarized and tabulated results of the radiological
environmental samples taken during the reporting period,
in the format of Regulatory Guide 4.8, December 1975,
and NUREG 1302, April 1991
- Summary description of the radiological environmental
monitoring program

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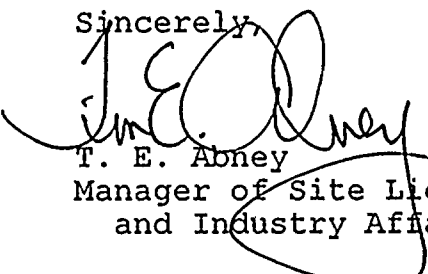
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- A map of sampling locations keyed to a table giving distances and directions from one reactor
- Results of TVA's participation in the Interlaboratory Comparison Program

The report concludes that based upon the analysis of the environmental sampling results and trend data, the exposure to members of the public which may have been attributable to BFN operation is negligible.

There are no commitments contained in this letter. If you have any questions, please contact me at (256) 729-2636.

Sincerely,



T. E. Abney
Manager of Site Licensing
and Industry Affairs

Enclosure
cc: See page 3



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Enclosure

cc (Enclosure):

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ENCLOSURE

TENNESSEE VALLEY AUTHORITY
BROWNS FERRY NUCLEAR PLANT
UNITS 1, 2, AND 3

ANNUAL RADIOLOGICAL ENVIRONMENTAL OPERATING REPORT
JANUARY THROUGH DECEMBER 1998

(SEE ATTACHED)