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AUTH. NAME      AUTHOR AFFILIATION

ABNEY, T.E.      Tennessee Valley Authority      *See Annual Radiological Operating Rpts*

RECIP. NAME      RECIPIENT AFFILIATION

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SUBJECT: Forwards "Annual Radiological Environ Operating Rept for 970101-971231." Rept contains summaries, interpretations & analysis of trends of results.

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### NOTES:

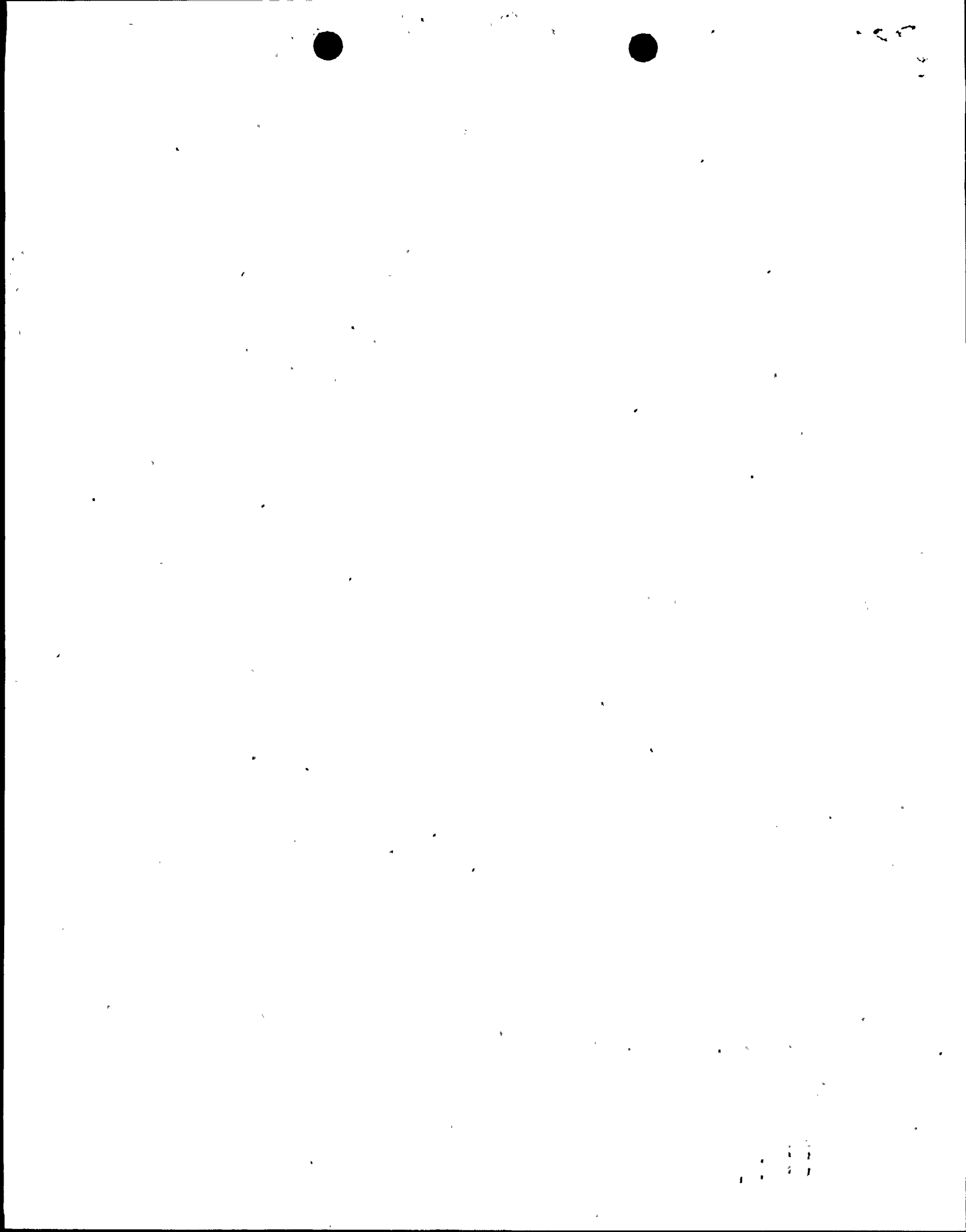
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Tennessee Valley Authority, Post Office Box 2000, Decatur, Alabama 35609-2000

April 20, 1998

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 1997

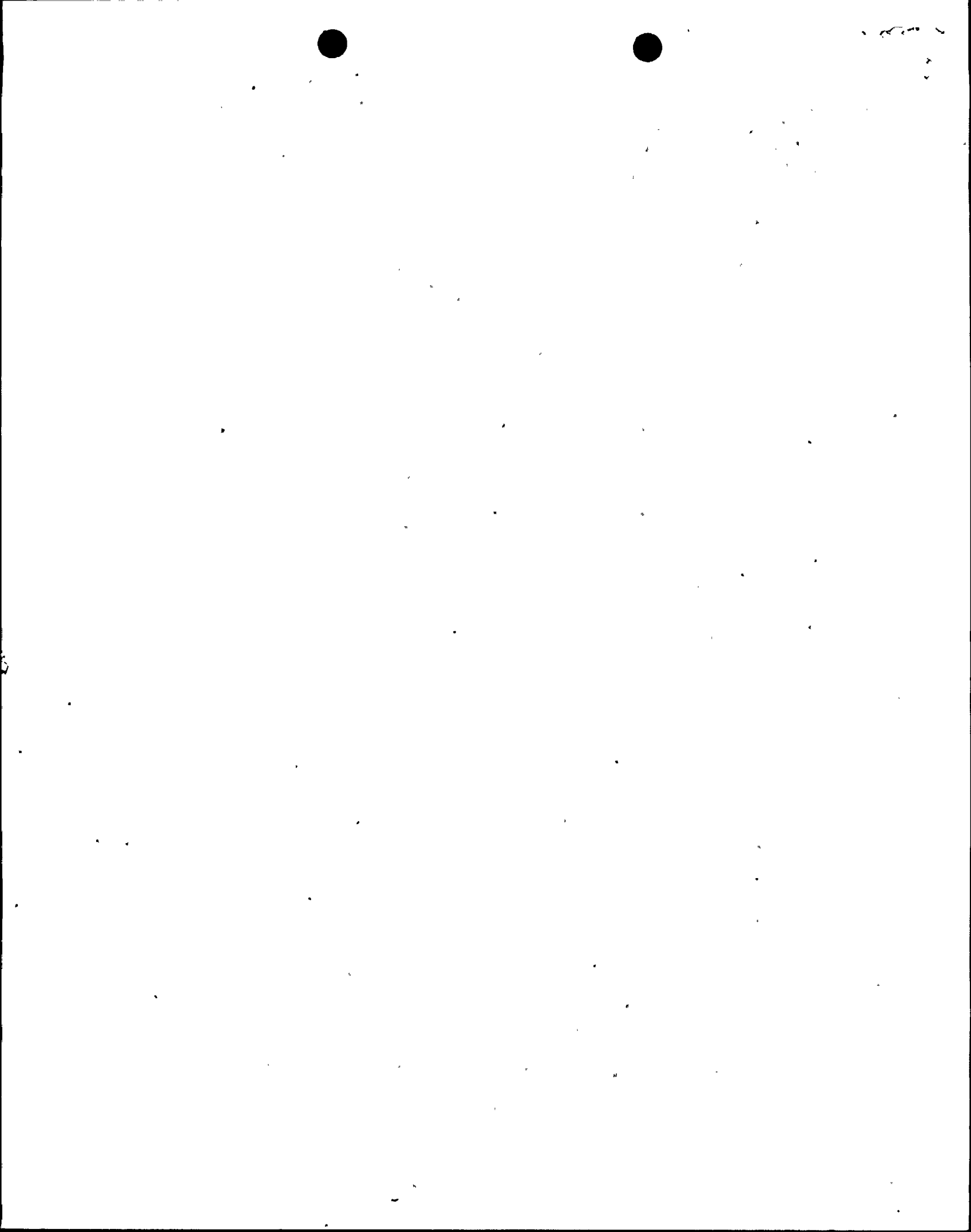
In accordance with BFN's Technical Specifications (TS)  
Section 6.9.1.5, TVA submits BFN's AREOR report for BFN  
Units 1, 2, and 3. This report covers the period from  
January through December 1997.

TS Section 6.9.1.5 requires the enclosed report contain  
summaries, interpretations, and an analysis of trends of the  
results of the Radiological Environmental Monitoring program  
for the reporting period. In addition, BFN's 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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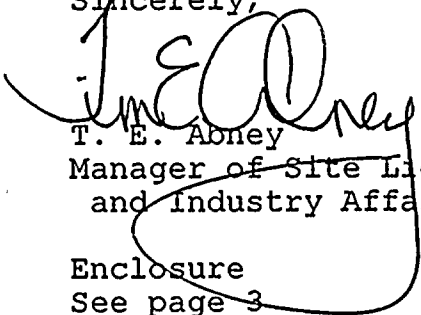


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- A map of sampling locations keyed to a table giving distances and directions from one reactor.
- Results of TVA's participation in the Interlaboratory Comparison Program.

There are no commitments contained in this letter. If you have any questions, please contact me at (205) 729-2636.

Sincerely,



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

Enclosure  
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Enclosure

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