

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8207300236 DUC. DATE: 82/07/23 NOTARIZED: NO DOCKET #  
 FACIL: 50-259 Browns Ferry Nuclear Power Station, Unit 1, Tennessee 05000259  
 50-260 Browns Ferry Nuclear Power Station, Unit 2, Tennessee 05000260  
 50-296 Browns Ferry Nuclear Power Station, Unit 3, Tennessee 05000296

AUTH. NAME AUTHORITY AFFILIATION  
 MILLS, L.M. Tennessee Valley Authority  
 RECIPIENT NAME RECIPIENT AFFILIATION  
 DENTON, H.R. Office of Nuclear Reactor Regulation, Director

SUBJECT: Forwards second part of TVA, -TR81-01, "BWR Transient Analysis Model Utilizing RETRAN Program." First part submitted 820122. Approval required by 821101 in order to begin reload design.

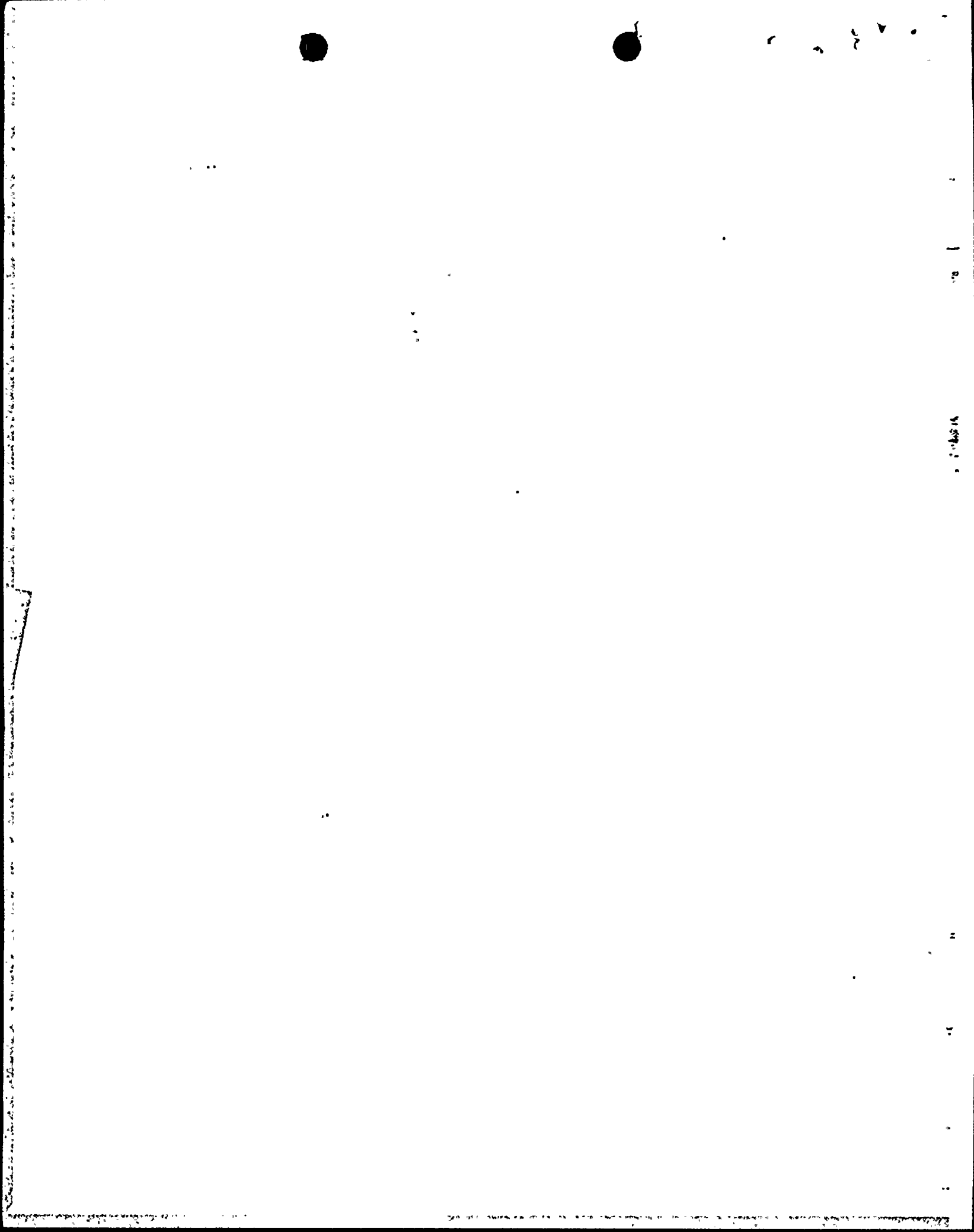
*SEE 50-259 FOR REPORT # 8207300243 2499*

DISTRIBUTION CODE: A001S COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 2499  
 TITLE: General Distribution for after Issuance of Operating License

NOTES: NMSS/FCAF 1cy. 05000259  
 NMSS/FCAF 1cy. 05000260  
 NMSS/FCAF 1cy. 05000296

	RECIPIENT		COPIES		RECIPIENT		COPIES	
	ID	CODE/NAME	LT	ENCL	ID	CODE/NAME	LT	ENCL
	ORB #2	BC 01	7	7				
INTERNAL:	ELD/HDS4		1	0	NRR/DHFS DEPY08		1	1
	NRR/DL DIR		1	1	NRR/DL/ORAB		1	0
	NRR/DS1/RAB		1	1	<u>REG FILE</u>	04	1	1
	RGN2		1	1				
EXTERNAL:	ACRS	09	10	10	LPDR	03	1	1
	NRC PDR	02	1	1	NSIC	05	1	1
	NTIS		1	1				
NOTES:			1	1				

TOTAL NUMBER OF COPIES REQUIRED: LTR 29 ENCL 27



TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401  
400 Chestnut Street Tower II

July 23, 1982

Mr. Harold R. Denton, Director  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

Dear Mr. Denton:

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

By my letter to you dated January 22, 1982, we submitted the first part of the TVA Topical Report, "BWR Transient Analysis Model Utilizing the RETRAN Program," TVA-TR81-01, dated December 31, 1981. That topical report is to be reviewed and approved by the NRC staff thereby allowing licensing of TVA in-house reload core design and analysis for the Browns Ferry Nuclear Plant. Enclosed is the second part of the topical report containing the description and results of sensitivity studies and determination of statistical adjustment factors on calculated delta-CPR/ICPR. Included is a revised abstract, acknowledgement, and table of contents for the topical report.

As stated in the January 22, 1982 letter we request that you review the submitted topical report for acceptability for reference in reload license submittals. We plan to first perform in-house reload core design and analysis based on the model described in this report for Browns Ferry unit 3 reload 5 to support cycle 6 operation, scheduled to begin November 1983. Approval of the topical by November 1, 1982 is needed in order to begin the reload design and analysis and submit the requested license amendment on schedule.

Four copies of the topical report's second part are enclosed.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

*L. M. Mills*  
L. M. Mills, Manager  
Nuclear Licensing

Subscribed and sworn to before  
me this 23<sup>rd</sup> day of July 1982.

Paulette J. White  
Notary Public

My Commission Expires 9-5-84

Enclosure  
cc: See page 2

A001

... ..  
... ..  
... ..  
... ..  
... ..

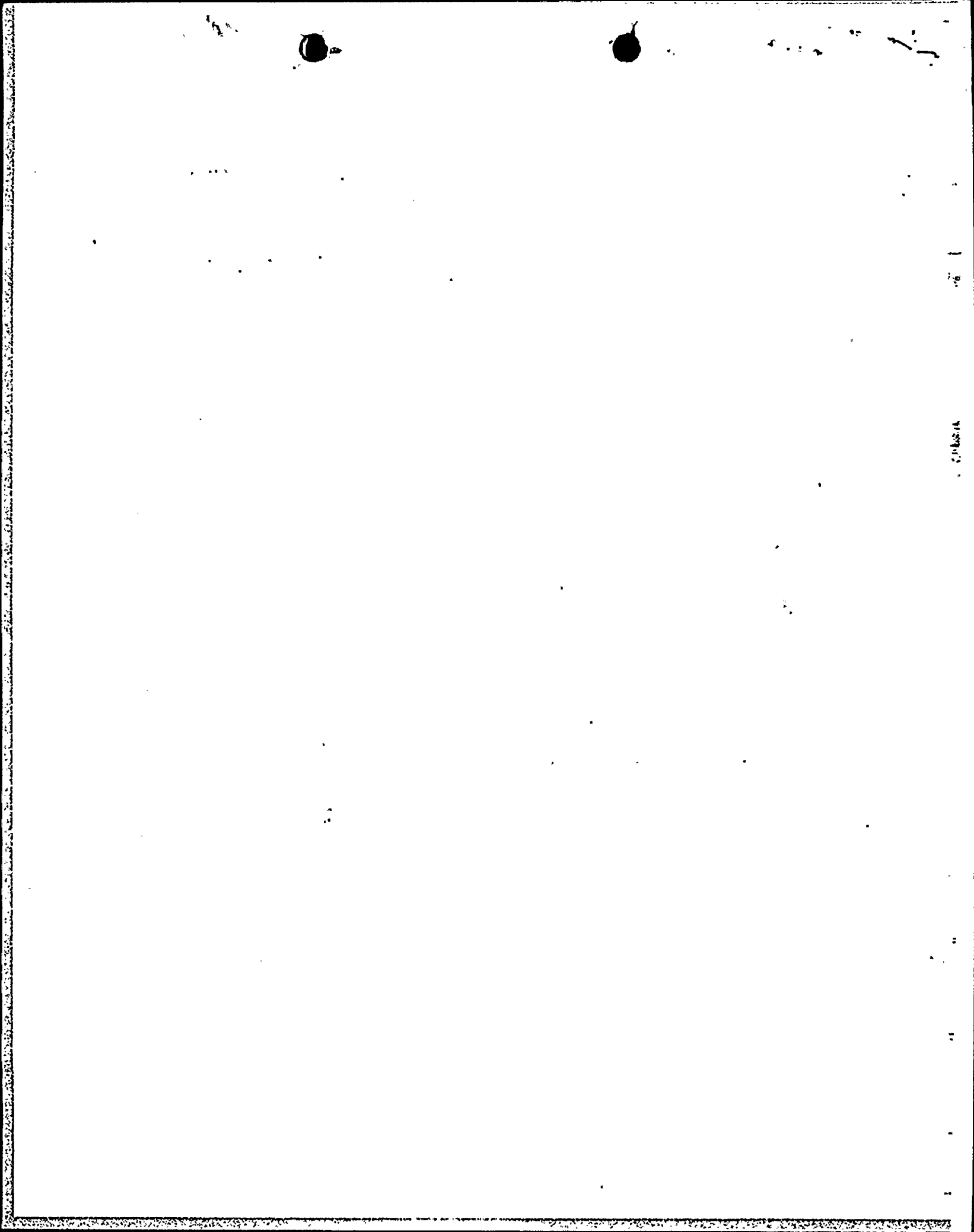
Mr. Harold R. Denton

July 23, 1982

cc (Enclosure):

U.S. Nuclear Regulatory Commission  
Region II  
ATTN: James P. O'Reilly, Regional Administrator  
101 Marietta Street, Suite 3100  
Atlanta, Georgia 30303

Mr. R. J. Clark  
Browns Ferry Project Manager  
U.S. Nuclear Regulatory Commission  
7920 Norfolk Avenue  
Bethesda, Maryland 20014



1. 5. 1954