

Mailing Address

Alabama Power Company
600 North 18th Street
Post Office Box 2641
Birmingham, Alabama 35291
Telephone 205 783-6081

F. L. Clayton, Jr.
Senior Vice President
Flintridge Building



Alabama Power

the southern electric system

July 1, 1982

Docket No. 50-348
50-364

Director, Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Attention: Mr. S. A. Varga

Joseph M. Farley Nuclear Plant - Units 1 and 2
NUREG-0737, Item III.A.2

Gentlemen:

In accordance with provisions of letter dated December 22, 1981, Alabama Power Company stated that a Class A model [Emergency Dose Calculational Model (EDCM)] would be operational by July 1, 1982. Due to unexpected hardware and software interface difficulties, full operational status for Alabama Power Company's Class A model has been delayed. Currently all required software design and hardware installation has been completed for the EDCM. The EDCM system consists of the following modules:

1. Data Acquisition
2. Isotopic Data Calculation
3. Plume Processing
4. Emergency Dose Calculation, Reporting and Graphics

Each module consists of several software units. All EDCM system software has been coded and is in the process of unit testing. Module and system testing has not yet been completed, however, puff model plumes are capable of being generated at this time. A manual calculational model is incorporated into the present Emergency Plan and appropriate plant personnel are trained in its use.

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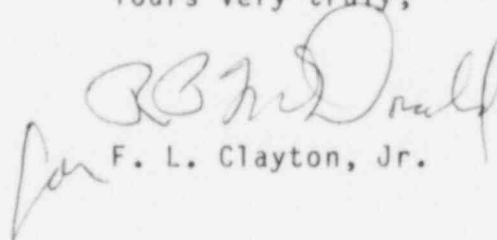
Mr. S. A. Varga
Director, Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission

July 1, 1982
Page 2

In the event of an emergency, the Class A model could provide information (radiation monitor readings, meteorological tower data, etc.) to plant personnel. The new full operability date (which includes completion of operator training) is now anticipated to be August 31, 1982.

If you have any questions, please advise.

Yours very truly,


F. L. Clayton, Jr.

FLCJr/JAR:1sh-D17

cc: Mr. R. A. Thomas
Mr. G. F. Throwbridge
Mr. J. P. O'Reilly
Mr. E. A. Reeves
Mr. W. H. Bradford