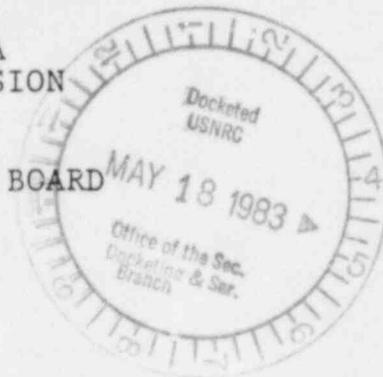


5/18/83

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

BEFORE THE  
ATOMIC SAFETY AND LICENSING BOARD



In the Matter of )  
 )  
UNITED STATES DEPARTMENT OF ENERGY )  
 )  
PROJECT MANAGEMENT CORPORATION )  
 )  
TENNESSEE VALLEY AUTHORITY )  
 )  
(Clinch River Breeder Reactor Plant) )  
\_\_\_\_\_ )

Docket No. 50-537

APPLICANTS' NOTIFICATION  
CONCERNING PRA STATUS

At the May 13, 1983 Prehearing Meeting, Judge Linenberger inquired as to the status of and potential interest to the Board of the so-called "Phase I" Probabilistic Risk Assessment (PRA) report for CRBRP. (TR: 7268-70). This is to provide further notification to the Board concerning PRA status.

The Phase I report has not been submitted to the NRC Staff for review on the CRBRP docket. The undersigned counsel have been advised by the DOE CRBRP Project Office that the Phase I report reflects the following considerations:

- a. The development of the Probabilistic Risk Assessment (PRA) starts with the modeling of plant design. In most cases the amount of detail included in the model is a matter of judgment at the early stages, and is later confirmed or adjusted by an iterative process of testing each assumption made as to its importance to the overall conclusions.

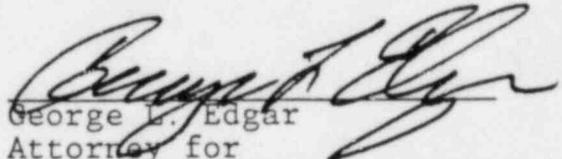
- b. The Phase I effort, based on the CRBRP design as of February 1982, had not progressed through the iterative process described above when the contractor was instructed to stop and document the work to date. The Phase I Report is the resulting document. It is only a partially complete initial effort which cannot be used to reach valid conclusions.
- c. The Phase I - Phase II division was made for contractual and management reasons, not technical reasons. As the Project continued to interact with the NRC Staff on what the PRA should contain, the scope of effort expanded to the point where the Project felt it necessary to repackage the job and go out for competitive bids. This also necessitated the preparation of a document recording work done to that point in time, the Phase I Report.

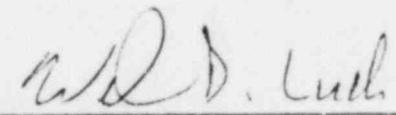
The PRA for CRBRP is now scheduled for completion in late 1984. The status of the Phase I work and the "Phase II" plan for completion of the PRA is described in a May 6, 1983 report by Technology for Energy Corporation, the contractor to whom the competitive bid was awarded. The PRA will be submitted to the NRC Staff for formal review.

The Applicants believe that the results of the Phase I Report are not of significance to these proceedings. At the same time, Applicants believe that the Board should be notified concerning the status of the PRA, and make its own assessment as to significance.

Accordingly, the Applicants hereby serve on each member of the Board, Intervenors, and the NRC Staff, copies of the Phase I Report (consisting of a main report and seven appendices), and the above-mentioned Technology for Energy Corporation May 6, 1983 Report.

Respectfully submitted,

  
George L. Edgar  
Attorney for  
Project Management Corporation

  
William D. Luck  
Attorney for the United States  
Department of Energy

DATED: May 18, 1983



Stuart Treby, Esq.  
Sherwin E. Turk, Esq.  
Elaine I. Chan, Esq.  
Geary S. Mizuno, Esq.  
Office of Executive Legal Director  
U. S. Nuclear Regulatory Commission  
Maryland National Bank Building  
7735 Old Georgetown Road  
Bethesda, Maryland 20014 (2 copies by hand)

\*Atomic Safety & Licensing Appeal Board  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

\*Atomic Safety & Licensing Board Panel  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

\*Docketing & Service Section  
Office of the Secretary  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555 (original, 3 copies, and  
return copy)

William M. Leech, Jr., Attorney General  
William B. Hubbard, Chief  
Deputy Attorney General  
Michael D. Pearigen, Assistant  
Attorney General  
State of Tennessee  
Office of the Attorney General  
450 James Robertson Parkway  
Nashville, Tennessee 37219

Oak Ridge Public Library  
Civic Center  
Oak Ridge, Tennessee 37830

Herbert S. Sanger, Jr., Esquire  
Lewis E. Wallace, Esquire  
W. Walter LaRoche, Esquire  
James F. Burger, Esquire  
Edward J. Vigluicci, Esquire  
Office of the General Counsel  
Tennessee Valley Authority  
400 West Summit Hill Drive  
Knoxville, Tennessee 37902 (2 copies)

Dr. Thomas Cochran  
Barbara A. Finamore, Esquire  
Natural Resources Defense Council  
1725 Eye Street, N.W., Suite 600  
Washington, D. C. 20006 ( 2 copies by hand)

Ellyn R. Weiss, Esquire  
Harmon & Weiss  
1725 Eye Street, N.W., Suite 506  
Washington, D. C. 20006

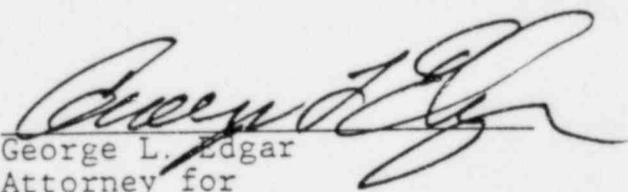
Lawson McGhee Public Library  
500 West Church Street  
Knoxville, Tennessee 37902

William E. Lantrip, Esquire  
Attorney for the City of Oak Ridge  
Municipal Building  
Post Office Box 1  
Oak Ridge, Tennessee 37830

Leon Silverstrom, Esquire  
William D. Luck, Esquire  
U. S. Department of Energy  
1000 Independence Avenue, S.W.  
Room 6B-256--Forrestal Building  
Washington, D. C. 20585 (4 copies by hand)

Eldon V. C. Greenberg, Esquire  
Galloway & Greenberg  
1725 Eye Street, N.W., Suite 601  
Washington, D. C. 20006

Commissioner James Cotham  
Tennessee Department of Economic  
and Community Development  
Andrew Jackson Building, Suite 10007  
Nashville, Tennessee 37219

  
George L. Edgar  
Attorney for  
Project Management Corporation

DATED: May 18, 1983

\*/ Denotes hand delivery to 1717 "H" Street, N.W., Washington, D.C.