

10/4/82

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USNRC

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

'82 OCT -4 P4:34

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

OFFICE OF SECRETARY
DOCKETING & SERVICE
BRANCH

Docket No. 50-537

APPLICANTS' SECOND SET OF ADMISSIONS
AND SEVENTH SET OF INTERROGATORIES
TO INTERVENORS' NATURAL RESOURCES DEFENSE
COUNCIL, INC. AND THE SIERRA CLUB

Pursuant to 10 C.F.R. § 2.742 and § 2.740(b), and in accordance with the Board's Scheduling Order of August 31, 1982, the United States Department of Energy and Project Management Corporation, for themselves and on behalf of the Tennessee Valley Authority, submit the following admissions and interrogatories to Intervenor, Natural Resources Defense Council, Inc., and the Sierra Club. NRDC is requested to admit or deny the truth of the matter asserted in each admission, answer each interrogatory, and submit responses within 14 days in writing and under oath, by one or more representatives of NRDC or the Sierra Club who have personal knowledge of the matters stated therein. Each answer to an admission or interrogatory shall be preceded by a copy of the particular admission to which the answer is responding.

ADMISSIONS

1. NUREG-0625 has not been adopted by the Nuclear Regulatory Commission as nuclear reactor siting requirements in regard to site isolation and population density.

2. At this time the Nuclear Regulatory Commission's siting requirements in regard to site isolation and population density are set forth in a) 10 C.F.R. Part 100, and b) Regulatory Guide 4.7.

3. The Clinch River site meets the requirements of: a) 10 C.F.R. Part 100, and b) Regulatory Guide 4.7, in regard to site isolation and population density.

4. The meteorological measurement program for CRBRP meets the requirements of Regulatory Guide 1.23.

5. The X/Q (chi over Q) values calculated for CRBRP and set forth in Section 2.3 of the PSAR meet the requirements of Regulatory Guide 1.145.

6. The background frequency of genetic disorders in the population is of the order of 100,000 per million live born offspring.

7. A maximum estimate of the increased frequency of genetic disorders at equilibrium as a result of a dose of 1 rem of radiation to the population per generation is of the order of 1,000 per million live offspring.

8. Estimates of the increase in genetic disorders as a consequence of 1 rem radiation per generation, based on information

obtained directly from human exposure, show that such increases will be a very small fraction of the background frequency.

INTERROGATORIES

For each admission which is denied in whole or in any part, provide the following for that portion which is denied:

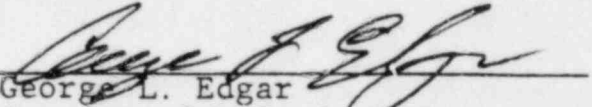
(a) the specific portion or portions of the Admission which is denied;

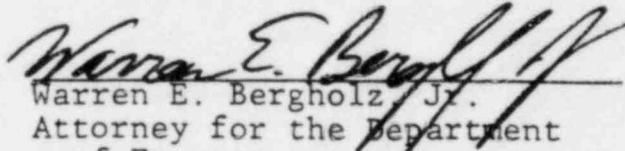
(b) the detailed basis for denial, if any. If NRDC has insufficient information to admit or deny, it should describe in detail the reasons for and nature and extent of that insufficiency;

(c) an identification of all documents which support the basis for denial;

(d) whether NRDC intends to rely upon the matters set forth in paragraphs (a) and (b) above in support of its position at the forthcoming hearings.

Respectfully submitted,


George L. Edgar
Attorney for Project Management
Corporation


Warren E. Bergholz, Jr.
Attorney for the Department
of Energy

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NUCLEAR REGULATORY COMMISSION

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CERTIFICATE OF SERVICE

Service has been effected on this date by personal
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DATED: October 4, 1982

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