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UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

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' UPDATED ANSWERS
TO FIRST SET OF INTERROGATORIES
PROPOUNDED BY
CITY OF OAK RIDGE

Pursuant to 10 C.F.R. § 2.740b. and the Board's
February 11, 1982 Prehearing Conference Order, the Applicants
hereby file their Updated Answers to the First Set of Inter-
rogatories Propounded by the City of Oak Ridge, dated
October 5, 1976.*/-

*/- Applicants had previously responded on October 29, 1976
and December 5, 1976.



- 1 -

DSO^B
SO/1

8205030389

INTERROGATORY 1

Please provide one copy of the following report used in preparing Section 8.0 of the Applicants' ER:

Socioeconomic Impact Assessment of CRBRP Construction and Operation, Westinghouse Electric Corporation, Environmental Systems Department, April 1976.

RESPONSE

Section 8.0 of the CRBRP ER was updated in Amendment X submitted in December 1981. The report "Socioeconomic Impact Assessment of CRBRP Construction and Operation," was not used in the ER update.

INTERROGATORY 2

Please provide one copy each of the following reports and studies used in preparing Section 8.1 of the applicants' ER:

- a. Tennessee Department of Transportation, Bureau of Planning and Programming, Tennessee State, City, County, Traffic Maps Showing 1974 Average Daily Traffic, pp. 1, 47, 53 and 73.
- b. U. S. Energy Research and Development Administration, Oak Ridge Operations, Economic Data: The Energy Research and Development Administration in Tennessee, Oak Ridge, Tennessee, 1975.
- c. Atomic Energy Commission news release in The Oak Ridger, Oak Ridge, Tennessee, 10 May 1973.
- d. Telecons, Buvinger, B. J., WESD to Power, C., President of Chris Power and Associates Realtors, Oak Ridge, Tennessee, 15 November 1975 and 6 January 1976.
- e. Mimeographed data, Roane County Chamber of Commerce, Kingston, Tennessee, to Buvinger, B. J., WESD, 10 December 1975.
- f. State of Tennessee, Tennessee State Planning Office, Economic Impact Study of Roane County, Tennessee, Nashville, Tennessee, June 1975.
- g. State of Tennessee, East Tennessee Development District, A Study of Housing Characteristics, Report No. ET-25, 1974, Knoxville, Tennessee, May 1974.
- h. Telecons, Buvinger, B. J., WESD to Water System and Wastewater System Supervisory Personnel, Tennessee, 26-28 January 1976:

May, R., and Powell, D., (Clinton), Williams, H., and

Rickman, O., (ERDA and Oak Ridge), Jamerson, K., (Oliver Springs), Pemberton, R., (First U.D. of Anderson County), Burgess, Mr., (Kingston), Kelly, Mr., (Harriman), McNelly, L., (Rockwood), Price, W., (Cumberland U.D.), Kershaw, G., (First U.D. of Knox County), Jones, R., (West Knox U.D.), Burnett, C., (Loudon), Heinz, Mr., (Lenoir City), Easter, Mr., (Dixie Lee U.D.).

- i. State of Tennessee, Division of Industrial Development, Department of Economic and Community Development, Tennessee Community Data Sheets for Clinton, Oak Ridge, Oliver Springs, Kingston, Harriman, Rockwood, Knoxville, Loudon and Lenoir City, 1974.
- j. Engels, R., A., Tennessee Migrations, Populations, Families, Income, and Manpower Demand Projections to 1990 for Development Districts and Counties, Tennessee State Planning Office, Nashville, Tennessee, July 1974, pp. 26, 34, 35, 38, 131, 139, 140, and 143.
- k. Tennessee Valley Authority, Division of Navigation Development and Regional Studies, Economic Research Staff, Anderson County, Tennessee, Population, 1960-1970 by County Subdivision and Incorporated Town, 21 January 1975, mimeographed.
- l. Tennessee Valley Authority, Division of Navigation Development and Regional Studies, Economic Research Staff, Roane County, Tennessee, Population, 1960-1970 by County Subdivision and Incorporated Town, 5 May 1975, mimeographed.
- m. Letter, DeVeney, G., TVA, Knoxville, Tennessee to Travis, R. K., WESD, 29 November 1973.
- n. East Tennessee Development District, County Census Summary - Anderson County, Part I, Report No. ET-SS-9n-71, Knoxville, Tennessee, June 1972.

- o. East Tennessee Development District, County Census Summary - Anderson County, Part II, Report No. ET-SS-13n-73, Knoxville, Tennessee, April 1973.
- p. East Tennessee Development District, County Census Summary - Roane County, Part I, Report No. ET-SS-9k-71, Knoxville, Tennessee, April 1972.
- q. East Tennessee Development District, County Census Summary - Roane County, Part II, Report No. ET-SS-13k-73, Knoxville, Tennessee, June 1973.
- r. East Tennessee Development District, Mimeographed Data on Additions to Housing Stock for 1974 and January-September 1975.
- s. Telecons, Buvinger, B. J., WESD, to Water System and Wastewater System Supervisory Personnel, Tennessee, 26-28 January 1976:

May, R., and Powell, D., (Clinton), Williams, H., and Rickman, O., (ERDA and Oak Ridge), Jamerson, K., (Oliver Springs), Pemberton, R., (First U.D. of Anderson County), Burgess, Mr., (Kingston), Kelly, Mr., (Harriman), McNelly, L., (Rockwood), Price, W., (Cumberland U.D.), Kershaw, G., (First U.D. of Knox County), Jones, R., (West Knox U.D.), Burnett, C., (Loudon), Heinz, Mr., (Lenoir City), Easter, Mr., (Dixie Lee U.D.).

- t. Letter with attachments, Justice, B. L., Office of Superintendent of Schools, Clinton, Tennessee, to Bostic, P., Superintendent, Anderson Schools, 30 October 1975.
- u. Telecon, Morrow, H. L., Superintendent, Clinton City Schools, to Singley, J. E., WESD, 14 November 1975.

- v. Mimeographed data, Bowen, R., Roane County Department of Education, Kingston, Tennessee, to Singley, J. E., WESD, 18 November 1975.
- w. East Tennessee Development District, Mimeographed Data on Health Statistics, 1974.
- x. Telecon, Grimm, P., East Tennessee Development District, to Buvinger, B. J., WESD, 19 January 1976.
- y. East Tennessee Development District, Mimeographed Data on Public Safety, April 1975.

RESPONSE

Section 8.1 of the CRBRP ER was updated in Amendment X submitted in December 1981. Copies of reports, studies, assessments, etc. used in updating this section are available for inspection and copying by representatives of the City of Oak Ridge at the CRBRP Project Office in Oak Ridge, Tennessee.

INTERROGATORY 3

Please provide one copy each of the following reports and studies used in preparing Section 8.2 of the Applicants' ER:

- a. Recreation as an Industry, prepared by Robert R. Nathan Associates, Inc., for the Appalachian Regional Commission, Washington, DC, 1966.
- b. What New Jobs Mean to a Community, Research Study prepared by Economic Analysis and Study, Chamber of Commerce of the United States, Washington, DC, 1973.
- c. Wistisen, M. J. and Kaiparowits Socio-Economic Study, Brigham Young University, Center for Business and Economics Research, Provo, Utah, February 1973.
- d. Currence, M. G., ed., Tennessee Statistical Abstract 1974, University of Tennessee, Center for Business and Economic Research, Knoxville, Tennessee, April 1974.

RESPONSE 3

Section 8.2 of the CRBRP ER was updated in Amendment X submitted in December 1981. Copies of reports, studies, assessments, etc. used in duplicating this section are available for inspection and copying by representatives of the City of Oak Ridge at the CRBRP Project Office in Oak Ridge, Tennessee.

INTERROGATORY 4

Please provide one copy each of the following reports and studies used in preparing Section 8.3 of the Applicants' ER:

- a. Tennessee Valley Authority, Division of Navigation Development and Regional Studies, Regional Planning Staff, Browns Ferry Nuclear Plant Construction Employment Impact, July 1973.
Knoxville, Tennessee, May 1974.
- b. Tennessee Valley Authority, Division of Navigation Development and Regional Studies, Regional Planning Staff, Sequoyah Nuclear Plant Construction Employment Impact, July 1972.
Knoxville, Tennessee, May 1973.
- c. Tennessee Valley Authority, Division of Navigation Development and Regional Studies, Regional Planning Staff, Sequoyah Nuclear Plant Construction Employment Impact, August 1974,
Knoxville, Tennessee, December 1974.
- d. Tennessee Valley Authority, Division of Navigation Development and Regional Studies, Regional Planning Staff, Cumberland Steam Plant Construction Employment Impact, May 1971.
Knoxville, Tennessee, August 1971.
- e. Tennessee Valley Authority, Division of Navigation Development and Regional Studies, Regional Planning Staff, Cumberland Steam Plant Construction Employment Impact, April 1973.
Knoxville, Tennessee, July 1973.
- f. Tennessee Valley Authority, Division of Navigation Development and Regional Studies, Regional Planning Office, Estimated Employment Impact of the Watts Bar Nuclear Steam Plant,
Knoxville, Tennessee, January 1971, revised September 1972.
- g. Tennessee Valley Authority, Division of Navigation Development

and Regional Studies, Regional Planning Staff, Watts Bar Nuclear Plant Construction Employment Impact, March 1973. Knoxville, Tennessee, July 1973.

- h. Tennessee Valley Authority, Division of Navigation Development and regional Studies, Regional Planning Staff, Watts Bar Nuclear Plant Construction Employment Impact, July 1974. Knoxville, Tennessee, November 1974.
- i. Tennessee Valley Authority, Division of Navigation Development and Regional Studies, Regional Planning Staff, Bellefonte Nuclear Plant Construction Employment Impact, April 1975. Knoxville, Tennessee, November 1975.
- j. Engels, R. A., et al, eds., Projections of Population and Labor Force - Tennessee. Regions. and counties: 1975-2000. University of Tennessee, Center for Business and Economic Research, Knoxville, Tennessee, October 1972, pp. 61-73.
- k. Telecon, Buvinger, B. J., WESD, to Barr, R., National Fire Protection Association, 4 December 1975 and 3 March 1976.
- l. Telecon, Buvinger, B. J., WESD, to Page, J., Office of Highway Planning, U. S. Department of Transportation, 4 December 1975.

RESPONSE

Section 8.3 of the CRBRP ER was updated in Amendment X submitted in December 1981. Copies of reports, studies, assessments, etc. used in updating this section are available for inspection and copying by representatives of the City of Oak Ridge at the CRBRP Project Office in Oak Ridge, Tennessee.

INTERROGATORY 5

Please provide one copy of the following report that was used in the preparation of Section 11.1 of the Applicants' ER:

The Preliminary Estimation and Evaluation of Environmental Effects of Design Alternatives for the Clinch River Breeder Reactor Plant (CRBRP), unpublished report to Burns and Roe, Inc., by Westinghouse Environmental Systems Department, Pittsburgh, Pennsylvania
22 February 1974.

RESPONSE

A copy of the report entitled "Preliminary Estimation and Evaluation of Environmental Effects of Design Alternatives for the Clinch River Breeder Reactor Plant (CRBRP)," used in preparation of Section 11.1 of the CRBRP ER is available for inspection and copying by representatives of the City of Oak Ridge at the CRBRP Project Office in Oak Ridge, Tennessee.

INTERROGATORY 6

Please provide one copy each of the following reports and studies that were used in the preparation of Appendix C of the Applicants' ER:

- a. Allen & Hoshall, Consulting Engineers, Water and Wastewater Plan, Anderson, Blount and Knox Counties, Tennessee, Volume I, Water Supply and Distribution, Knoxville, Tennessee, July 1972.
- b. Allen & Hoshall, Consulting Engineers, Water and Wastewater Plan, Anderson, Blount and Knox Counties, Tennessee, Volume II, Wastewater Collection and Treatment, Knoxville, Tennessee, July 1972.
- c. East Tennessee Development District, Report No. ET-28-75, Regional Solid Waste Management: A Study of and Recommendations for a Regional System with Resource Recovery, Knoxville, Tennessee, August 1975.

RESPONSE

Appendix C of the CRBRP ER was updated in Amendment X submitted in December 1981. Copies of reports, studies, assessments, etc. used in updating this section are available for inspection and copying by representatives of the City of Oak Ridge at the CRBRP Project Office in Oak Ridge, Tennessee.

INTERROGATORY 7

Please provide one copy each of all ERDA (or USAEC), TVA, and CRBRP data, studies, reports or other assessments which contain information favorable to increasing in-lieu-of tax payments to the City of Oak Ridge. Include the names and addresses of the principal contributors to these materials.

RESPONSE

The socio-economic impacts of the CRBRP Project on the City of Oak Ridge are identified in Chapter 8 and Appendix C of Amendment X of the Applicants' environmental Report. The Applicants' analysis concludes that there will be no significant adverse impacts on the City of Oak Ridge. The Applicants are aware of only one report entitled "Report of the DOE Working Group on Community Assistance," dated December 1978, which contains information favorable to increasing in-lieu-of tax payments to the City of Oak Ridge. A copy of this report will be made available to representatives of the City of Oak Ridge for inspection and copying at the CRBRP Project Office in Oak Ridge.

INTERROGATORY 10

Please provide one copy each of all reports, memos, data, studies, or other assessments prepared by ERDA's Oak Ridge facilities (including ORNL, Y-12, ORGDP, and ORO) which discuss impacts of construction and operation of the CRBRP on the City of Oak Ridge and/or ERDA facilities and operations in Oak Ridge. Include the names and addresses of the principal contributors to these materials.

RESPONSE

The Applicants, in conjunction with the DOE Oak Ridge Operations Office, have identified one report which presents information regarding impacts of construction and operation of the CRBRP on the City of Oak Ridge and/or DOE facilities and operations in Oak Ridge. A copy of this report prepared by the DOE Oak Ridge Operations Office (formerly the ERDA Oak Ridge Operations Office) entitled "Need for Modification to the Oak Ridge Area Highway System to Accommodate Added Traffic" will be made available to representatives of the City of Oak Ridge for inspection and copying at the CRBRP Project Office in Oak Ridge.

INTERROGATORY 13

Please identify those staff members whose "observations and judgments" (mentioned in Section 8.3.2.1 of the ER, 3rd paragraph of that section) led to the conclusions with regard to relocation of construction employees.

RESPONSE

Staff members whose "observations and judgments" led to the conclusions contained in Section 8.3.2.1 of the ER with regard to the relocation of construction employees were: R. Baker (TVA), G. DeVeney (TVA) and P. Scharre (TVA).

INTERROGATORY 14

Section 8.1.3.1.2 of the ER states in the 3rd paragraph of that section that "In Oak Ridge, the vacancy rate is approximately one percent for all rental property." Please identify the source of that statement and supply one copy each of all reports, memos, data, studies, or other assessments related to that statement.

RESPONSE

The sources upon which the rental vacancy rate statement in Section 8.1.3.1.2 of the ER was based were Mimeographed Data of Semi-Annual Apartment Survey Summary for Spring 1980, East Tennessee Development District, and the Postal Vacancy Survey - Knoxville, Tennessee, March 1980, U.S. Department of Housing and Urban Development. Copies of these documents are available for inspection and copying by representatives of the City of Oak Ridge at the CRBRF Project Office in Oak Ridge, Tennessee.

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter of

U. S. DEPARTMENT OF ENERGY

DOCKET NO. 50-537

PROJECT MANAGEMENT CORPORATION,

and


TENNESSEE VALLEY AUTHORITY

AFFIDAVIT OF RICHARD C. BAKER

Richard C. Baker, being duly sworn, deposes and says as follows:

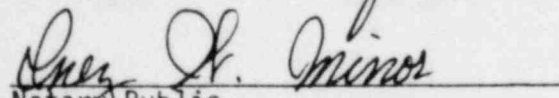
1. That he is employed as Licensing Coordinator, Public Safety, CRBRP Project, and that he is duly authorized to answer Interrogatories 1-6, 7, 10, 13, 14 of the first set of Interrogatories of the City of Oak Ridge.

2. That the above mentioned and attached answers are true and correct to the best of his knowledge and belief.


Signature

SUBSCRIBED and SWORN to before me

this 23rd day of April 1982


Notary Public

My Commission expires _____, 19__.

My Commission Expires April 28, 1984

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

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

Docket No. 50-537

CERTIFICATE OF SERVICE

Service has been effected on this date by personal
delivery or first-class mail to the following:

Marshall E. Miller, Esquire
Chairman
Atomic Safety & Licensing Board
U. S. Nuclear Regulatory Commission
Washington, D. C. 20545

Dr. Cadet H. Hand, Jr.
Director
Bodega Marine Laboratory
University of California
P. O. Box 247
Bodega Bay, California 94923

Mr. Gustave A. Linenberger
Atomic Safety & Licensing Board
U. S. Nuclear Regulatory Commission
Washington, D. C. 20545

Daniel Swanson, Esquire
Stuart Treby, Esquire
Office of Executive Legal Director
U. S. Nuclear Regulatory Commission
Washington, D. C. 20545 (2 copies)

Atomic Safety & Licensing Appeal Board
U. S. Nuclear Regulatory Commission
Washington, D. C. 20545

Atomic Safety & Licensing Board Panel
U. S. Nuclear Regulatory Commission
Washington, D. C. 20545

Docketing & Service Section
Office of the Secretary
U. S. Nuclear Regulatory Commission
Washington, D. C. 20545 (3 copies)

William M. Leech, Jr., Attorney General
William B. Hubbard, Chief
Deputy Attorney General
Lee Breckenridge, 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 37820

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 Commerce Avenue
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)

Mr. Joe H. Walker
401 Roane Street
Harriman, Tennessee 37748

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

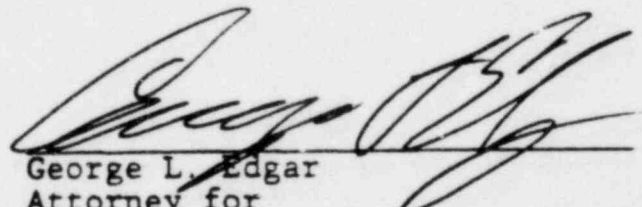
Lawson McGhee Public Library
500 West Church Street
Knoxville, Tennessee 37902

William E. Lantrip, Esq.
Attorney for the City of Oak Ridge
Municipal Building
P. O. Box 1
Oak Ridge, Tennessee 37830

Leon Silverstrom, Esq.
Warren E. Bergholz, Jr., Esq.
U. S. Department of Energy
1000 Independence Ave., S. W.
Room 6-B-256, Forrestal Building
Washington, D. C. 20585 (2 copies)

Eldon V. C. Greenberg
Tuttle & Taylor
1901 L Street, N. W., Suite 805
Washington, D. C. 20036

Commissioner James Cotham
Tennessee Department of Economic
and Community Development
Andrew Jackson Building, Suite 1007
Nashville, Tennessee 37219



George L. Edgar
Attorney for
Project Management Corporation

DATED: April 26, 1982