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FROM: Department of HEW Office of the Secretary Washington, D. C. 20201 Paul Cromwell			DATE OF DOC 7-23-73	DATE REC'D 7-25-73	LTR	MEMO x	RPT	OTHER
TO: Daniel R. Muller			ORIG 1	CC	OTHER	SENT AEC PDR x SENT LOCAL PDR x		
CLASS	UNCLASS x	PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: 50-261 50-412 50-244 50-416 50-417			
DESCRIPTION: Ltr trans the following: NOTE: ORIG LTR FILED IN 50-244 PLANT NAME: H. B. Robinson, Beaver Valley 2 Grand Gulf 1 & 2 & Ginna				ENCLOSURES: COMMENTS fm Dept of HEW, Public Health Service, Food & Drug Administration: (1) Memo dtd 5-31-73 furnishing comments on Draft Enviro Statement for H. B. Robinson (2) Memo dtd 5-24-73 furnishing comments on Draft Enviro Statement for Beaver Valley 2 (3) Memo dtd 5-17-73 furnishing comments on Draft Enviro Statement for Grand Gulf 1&2 (4) Memo dtd 5-31-73 furnishing comments on Draft Enviro Statement for Ginna				

FOR ACTION/INFORMATION 5-26-73 LB (1 cy ea encl rec'd)

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MEMORANDUM

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
OFFICE OF THE SECRETARY

TO : Daniel R. Muller
Assistant Director for
Environmental Projects
Atomic Energy Commission

DATE: JUL 23 1973

50-261

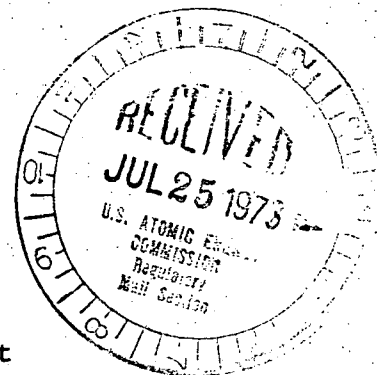
412

416/417

244

FROM : Acting Chief
Office of Environmental Affairs

SUBJECT: AEC Draft Environmental Impact Statements



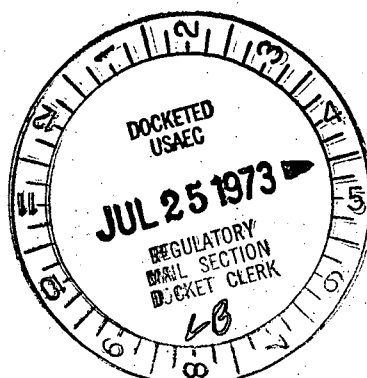
Please find attached our comments on the following draft
Environmental Impact Statements:

1. H. B. Robinson Nuclear Steam-Electric Plant Unit 2
of the Carolina Power and Light Company
2. Beaver Valley Power Station Unit 2 by the
Cleveland Electric Illuminating Company,
Duquesne Light Company, Ohio Edison Company,
Pennsylvania Power Company, Toledo Edison Company
3. The Grand Gulf Nuclear Station Units 1 and 2,
Mississippi Power and Light Company
4. R. E. Ginna Nuclear Power Plant Unit No. 1
Rochester Gas and Electric Corporation

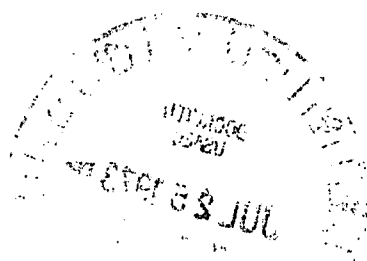
I apologize for the delay and hope that they will still be of
use to you.

Paul Cromwell

Attachments



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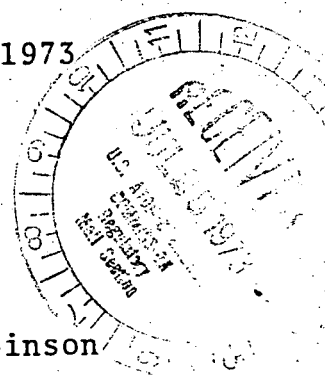
MEMORANDUM

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE
FOOD AND DRUG ADMINISTRATION

TO : Mr. Paul Cromwell
Acting Director
Office of Environmental Affairs

DATE: May 31, 1973

50-261



FROM : Mr. Ernest C. Anderson
Assistant Director for Special Projects
Bureau of Radiological Health

SUBJECT: Department Environmental Impact Statement - H. B. Robinson
Nuclear Steam-Electric Plant Unit 2

The subject draft environmental impact statement has been reviewed within the BRH only with regard to those considerations within the programmatic responsibilities of the Bureau or those with regard to which the Bureau has unique technical expertise within the Agency or the Department. These include radioactive discharges to the environment, other radiation exposures and doses to the environment, including human populations, their health or other significance within the intent of the National Environmental Policy Act.

On the basis of information contained in these documents, it appears that this plant can continue to operate without undue impact on the health of the offsite population as a result of any environmental changes including exposure to the population from radiation.

The draft environmental statement calls attention to inadequacies in the radiological environmental monitoring program being conducted by the facilities (p.6-1, part 6.2.2). It is apparent from the documentation that this program is deficient and that remedial action be taken as recommended in the draft report.

Ernest C. Anderson

5711
67131

MEMORANDUM

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE
FOOD AND DRUG ADMINISTRATION

TO : Acting Director
Office of Environmental Affairs

DATE: MAY 24 1973

FROM : Assistant Director for Special Projects
Bureau of Radiological Health

50-412

SUBJECT: Comments on Environmental Impact Statement for
Beaver Valley Power Station, Unit 2

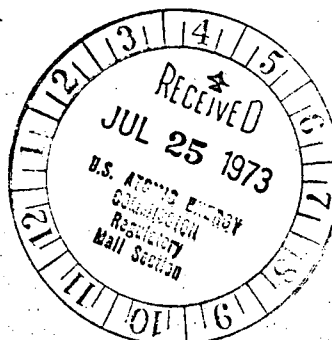
The above environmental impact statement has been reviewed within the Bureau. The noble gaseous effluent is low and well within the proposed limits. However, the iodine concentration in the gaseous effluent is greater than proposed limits. Table 5.2 (contained in section 5.4.1) shows a hypothetical thyroid dose in excess of the limits proposed in 10CFR50 Appendix I.

The draft environmental statement proposed by AEC staff recognizes this unduly high potential thyroid dose. Paragraph 9.2.3 of the report recommends use of current state-of-the-art technology to reduce the quantities of iodine released. With this recommended modification, the plant can be constructed and operated without undue risk to the health of individuals, or populations, or to the environment from radiation.

It is noted that the stable work force at this plant will be 20-40 employees, a number not expected to have an impact on the community. This is probably true in view of the industrial character and population size of the surrounding area. No attempt has been made to evaluate other aspects of the potential environmental impact.


Ernest C. Anderson

cc:
Dr. Kenneth E. Taylor
Environmental Officer, FDA



5711

MEMORANDUM

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE
FOOD AND DRUG ADMINISTRATION

TO : Mr. Paul Cromwell
Acting Director
Office of Environmental Affairs

DATE: MAY 17 1973

50-416
417

FROM : Assistant Director for Special Projects
Bureau of Radiological Health

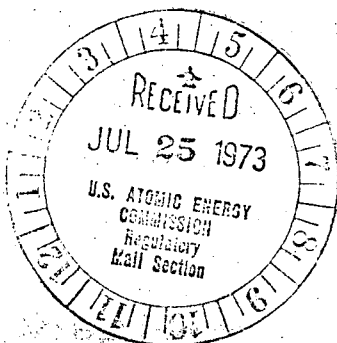
SUBJECT: Comments on Draft Environmental Statement - Grand Gulf Nuclear Station,
Units 1 and 2

The above documents were transmitted to the Bureau of Radiological Health for review on April 20, 1973, by Dr. Kenneth Taylor. This draft environmental impact statement has been reviewed within the BRH only with regard to those considerations within the programmatic responsibilities of the Bureau or those with regard to which the Bureau has unique technical expertise within the Agency or the Department. These include radioactive discharges to the environment, other radiation exposures and doses to the environment, including human populations, their health or other significance within the intent of the National Environmental Policy Act.

On the basis of information contained in these documents, it appears that this plant can be constructed and operated without undue impact on the health of the offsite population as a result of any environmental changes including exposure to the population from radiation. However, the following comments are offered for consideration:

1. Draft Environmental Statement by the Directorate of Licensing, USAEC, on the Environmental Considerations Related to the Proposed Construction of the Grand Gulf Nuclear Station Units 1 and 2

Page 5-29: The second paragraph of Sec. 5.4.7 states "the dose from noble gases exceed 10 mrem at the site boundary (by a factor as much as 2.5) and from iodine isotopes exceed 5 millirem to a child's thyroid (by a factor as much as 10)." We agree that these calculated doses are excessive, and that the applicant should be required to take such action as is needed to ensure that iodine and noble gas releases and the resulting doses are as low as practicable within the quantitative guidance as provided in the proposed Appendix I of 10 CFR 50.



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2. Amendment No. 1 to the Environmental Report Mississippi
Power and Light Company

Page 3.6-8

The last paragraph of this page states, "In all such cases, maximum activities from these sources, as well as from all other sources, will be examined to ensure that the total discharge from the station is safely below the specified limits."

This statement needs further clarification as to whether this refers to specified limits in Appendix B of 10 CFR Part 20, or to the numerical guides for limiting conditions for operation of light-water-cooled nuclear power reactors to keep radioactivity in effluents "as low as practicable" as proposed for the new Appendix I of 10 CFR 50, "Licensing of Production and Utilization Facilities." Since the proposed numerical guides are based on present light-water-cooled nuclear power reactor operating experience and state of technology, it seems logical that the design objectives and technical specification requirements should be based on Appendix I of 10 CFR 50.



Ernest C. Anderson

MEMORANDUM

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE
FOOD AND DRUG ADMINISTRATION

TO : Mr. Paul Cromwell
Acting Director, Office of Environ. Affairs
HEW North, Room 3718

DATE: MAY 31 1973

50-244

FROM : Assistant Director for Special Projects
Bureau of Radiological Health

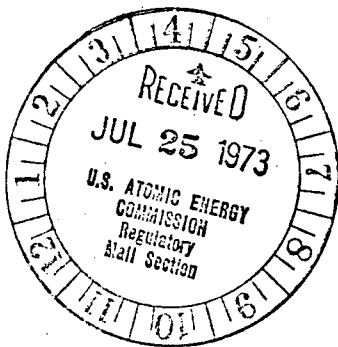
SUBJECT: Comments on Draft Environmental Impact Statement for R. E. Ginna
Nuclear Power Plant, Unit 1

1. The above documents were transmitted to the Bureau of Radiological Health for review by Mr. Daniel R. Muller's letter of April 19, 1973. This draft environmental impact statement has been reviewed within the Bureau of Radiological Health only with regard to those considerations within the programmatic responsibilities of the Bureau, or those with regard to which the Bureau has unique technical expertise within the Agency or the Department. These include radioactive discharges to the environment, other radiation exposures and doses to the environment, including human populations, their health or other significance within the intent of the National Environmental Policy Act.

2. On the basis of information contained in these documents, it appears that this plant can continue to be operated without undue impact on the health of the offsite population as a result of any environmental changes, including exposure to the population from radiation.



Ernest C. Anderson



5711