

APR 8 1971

ADDITIONAL CONSTRUCTION EXEMPTION

The public hearing on the Davis-Besse plant was in progress intermittently between December 8, 1970, and February 12, 1971. In a letter dated January 7, 1971, the applicants for the construction permit requested the Honorable William B. Saxbe, Chairman of the Commission's United States Senate subcommittee on the licensing requirements of 10 CFR Part 50.28 to allow additional below-grade construction work on the plant.

Dear Senator Saxbe: On February 10, 1971, the Commission deferred further action on the request for the exemption, and no additional exemption was granted.

This is in reply to your letter dated January 21, 1971, which enclosed correspondence from several of your constituents concerning the Davis-Besse Nuclear Power Station.

In response to a number of inquiries, we have prepared the enclosed summary which describes the proceedings concerning the licensing of the Davis-Besse plant. In addition, I am enclosing supplemental AEC comments on several subjects which were raised in some of the letters and which were not covered in the general comments.

One of the major concerns is the increase in radiation exposure to persons living at the plant boundary. If we can be of any additional assistance, please let me know.

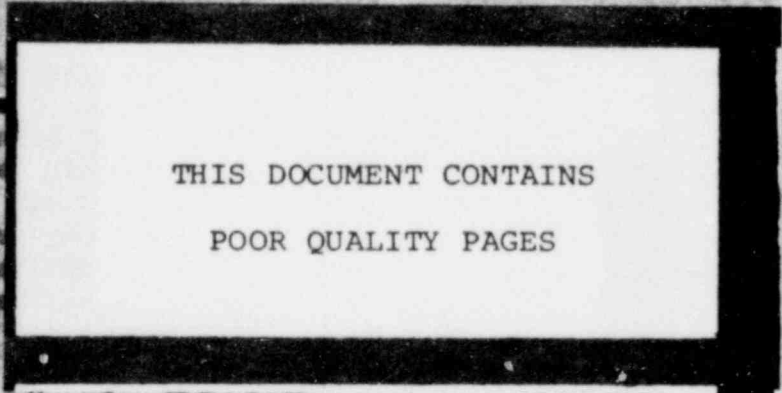
The Davis-Besse nuclear power plant was expected to be less than 0.001 rem (2 millirem) per year, or about 1/100 of the actual background radiation level. The actual background radiation level is due to cosmic radiation, natural radioactivity in soil, rocks, and building materials, and radioactivity in the body. This amount of exposure will not cause any adverse health effects.

Sincerely,
 (Signed) H. L. Price
 Harold L. Price
 Director of Regulation

Enclosures:

1. Summary (9 cys)
 2. Supplemental comments (9 cys)
 3. Ltr to Senator Saxbe with 9 enclosures
- DURING 1969 no gross were released.
- DISTRIBUTION:** as then 102 of those
- HL Price of the OGC (2) copies for the
- PA Harris and JRCooky in liquid
- HK Sharpe and Gertter (DR-3075)

LEL
 PE (50-346)



REP - See letter to Father

copy sent PDR

CRESS gl T28 R11-12 SURNAME DATE	DR JRCook/g1 4/1/71	CO [Signature] 4/1/71	OGC See letter to Dignell & Father 4/1/71	DR [Signature] HL Price 4/8/71	OGC [Signature] 4/8/71	
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SUPPLEMENTAL AEC COMMENTS
DAVIS-BESSE NUCLEAR POWER STATION
PORT CLINTON, OHIO

ADDITIONAL CONSTRUCTION EXEMPTION

The public hearing on the Davis-Besse plant was in process intermittently between December 8, 1970, and February 12, 1971. In a letter dated January 7, 1971, the applicants for the construction permit requested the Commission, pursuant to 10 CFR Section 50.12 of the Commission's regulations, for an exemption from the licensing requirements of 10 CFR Section 50.10 to allow additional below-grade construction work on the Davis-Besse plant. On January 25, 1971, the Commission deferred further action with respect to the request, and no additional exemption was granted prior to the issuance of the construction permit on March 24, 1971.

CHILDHOOD CANCER RESULTING FROM EXPOSURE OF PREGNANT WOMEN TO 1-1/2 REMS OF RADIATION

Experience with plants similar to Davis-Besse indicates that no person living near the site boundary of the Davis-Besse Nuclear Power Station will incur an exposure anywhere near 1-1/2 rems of radiation. The increase in radiation exposures to persons living at the plant boundary as a result of releases of radioactivity in effluents from the Davis-Besse nuclear power plant are expected to be less than 0.001 rem (1 millirem) per year, or about 1500 times smaller than the 1-1/2 rems mentioned. One millirem per year is also about 1/100 of the radiation exposure that the average person receives in a year from the natural background radiation due to cosmic radiation, natural radioactivity in soil, rocks, and building materials, and radioactivity in the body. This amount of exposure will not change in any detectable way the chances that a child will have cancer.

RELEASE OF RADIOACTIVE MATERIAL FROM ENRICO FERMI UNIT 1 PLANT

There have been no unusual or unplanned releases of radioactivity from the Enrico Fermi Unit 1 nuclear power plant during the last two years. During 1969 no gases were released. During 1970 radioactive gaseous releases were less than 10% of those permitted by the technical specifications of the AEC license for the plant. During each year, the release of radioactivity in liquid effluents was less than 1% of the limits imposed by AEC regulations.

OFFICE ▶					
SURNAME ▶					
DATE ▶					

FROM

MR. WILLIAM B. SAUNDERS (UNCLAS)

DATE OF DOCUMENT

1/21/71

DATE RECEIVED

1/21/71

CONTROL NUMBER

12452

TO

UNCLAS

SUSPENSE DATE

None

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CHAIRMAN

GENERAL MANAGER

ASST. GENERAL MANAGER

DIV. OFFICE DIRECTOR

MR. SAUNDERS

REMARKS:

FOR THE MASS. DEPT. OF ENVIRONMENTAL AFFAIRS
REPLY TO BE USED IN ANSWERING THE ENCLASSED LETTER TO THE COMMISSIONER OF THE MASS. DEPT. OF ENVIRONMENTAL AFFAIRS

ENCLOSURES

REPLY TO BE USED IN ANSWERING THE ENCLASSED LETTER TO THE COMMISSIONER OF THE MASS. DEPT. OF ENVIRONMENTAL AFFAIRS

REFERRED TO

DATE

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MR. SAUNDERS

1/21/71

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