

THIS DOCUMENT CONTAINS
POOR QUALITY PAGES

50-346

October 21 1971
Dear Miss Tyler: I will have also will provide you with a suitable summary of the information that is available.

Miss Ethel R. Tyler
3802 Glenwood Road
Cleveland Heights, Ohio 44121

Dear Miss Tyler:

This is in response to your letter dated July 27, 1971, in which you express concern about a report by the Union of Concerned Scientists with respect to backup cooling system reliability in nuclear reactors. I cannot respond to your comment that you read with shock my reply on this matter as I do not know specifically which reply you mean. Our records do not indicate that I have previously corresponded with you, so I must assume that you are referring to a quotation made by the press.

In the event that you have not previously received a copy, I am enclosing herewith AEC Press Release O-99, "AEC Adopts Interim Acceptance Criteria for Emergency Core Cooling Systems," and of the interim statement of policy referenced in the press release. These concern the recent establishment of conservative interim criteria for the performance of emergency core cooling systems in light-water nuclear power plants which take into account the experimental data to which the Union of Concerned Scientists refers. As stated in the press release, the criteria have been adopted to assure that the margins of safety considered desirable by the AEC in the design and operation of these plants are maintained.

I have also enclosed two booklets, "Atomic Power Safety," and "Nuclear Power and the Environment." The former outlines the steps taken to prevent accidents in nuclear power plants and to contain the consequences of accidents should they occur. It also describes the procedures followed in licensing of these plants. The latter booklet describes environmental effects of the plants and outlines some related research programs.

You mention your concern over the Davis-Besse Nuclear Power Station. Attached is a copy of the Initial Decision (March 23, 1971) of the Atomic Safety and Licensing Board in the matter of the Davis-Besse

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Miss Ethel R. Tyler

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Nuclear Power Station. Since this was a contested proceeding, the document contains the Board's determinations with respect to matters in controversy. I believe this will provide you with a suitable summary of issues that were considered.

Miss Ethel R. Tyler

The above listed documents should provide information responding to your expression of concern over nuclear power stations. If I may be of further assistance on this matter, please let me know.

Dear Miss Tyler:

Sincerely,

This is in response to your letter dated July 27, 1971, in which you requested a copy of a report by the Atomic Energy Commission's Scientists and Engineers Panel on the subject of "Safety of Nuclear Power Stations." I am pleased to respond to your concern that you should be kept advised on this matter as I do not know when the report will be available. The report will indicate that I have no further information to provide you so I must assume that you are referring to a question mark by the

~~SECRET~~
DR BZK
Harold L. Price
Director of Regulation

Enclosures:

1. Press Release 0-99
2. Interim Policy Statement
3. Atomic Power Safety
4. Nuclear Power and the Environment
5. Initial Decision

Distribution:
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WLRice
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The enclosed two booklets, "Atomic Power Safety," and "Nuclear Power and the Environment." The former outlines the approach to be taken in the design and operation of these plants and also describes the procedures followed in licensing of these plants. The latter booklet describes environmental effects of the plants and outlines some related research programs.

The enclosed your concern over the Davis-Besse Nuclear Power Station. Attached is a copy of the Initial Decision (March 23, 1971) of the Atomic Energy Commission and identifying report to the matter of the Davis-Besse

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Nuclear Power Station. Since this was a contested proceeding, the document contains the Board's determinations with respect to matters in controversy. I believe this will provide you with a suitable summary of issues that were considered.

On September 9, 1971, the AEC issued revised regulations which make it directly responsible for evaluating the total environmental impact, including thermal effects, of nuclear power plants. The revised regulations, and a press release of September 22, 1971 that describes certain amendments thereto, are enclosed herewith. You will note that the Davis-Besse station will be reviewed in accordance with Sections B and E of the revised regulations.

The above listed documents should provide information responding to your expression of concern over nuclear power stations. If I may be of further assistance on this matter, please let me know.

Sincerely,

Harold L. Price
Director of Regulation

Sincerely,

Enclosures:

- 1. Press Release 0-99
- 2. Interim Policy Statement
- 3. Atomic Power Safety
- 4. Nuclear Power and the Environment
- 5. Initial Decision
- 6. ~~Appendix D~~
- 7. ~~Press Release 0-171~~

Harold L. Price
Director of Regulation

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- HLPrice
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SEE AEC CONCURRENCES RECEIVED ON SIMILAR LETTER.

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Director of Regulation

Sincerely,

Enclosures:

1. Press Release O-99
2. Interim Policy Statement
3. Specific Nuclear Safety
4. Nuclear Power and the Environment
5. Interim Guidelines

Harold L. Price
 Director of Regulation

Enclosures:

1. Press Release O-99
2. Interim Policy Statement

DISTRIBUTION:

- HLPrice
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- ECCase
- WLRice
- JCook
- GRtetter
- DR Leading

DRS & OGC concurrences received on similar letter.

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