



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

November 26, 1979

Docket Nos. 50-461  
50-462

~~PDR~~  
Microfiche

Ms. Joanne Schwart  
Prairie Alliance - Law Division  
P.O. Box 2424 Station A  
Champaign, IL 61820

IN RESPONSE REFER  
TO FOIA-79-479

Dear Ms. Schwart:

This is in further response to your letter dated November 1, 1979, in which you requested, pursuant to the Freedom of Information Act, copies of documents pertaining to the Clinton Units I & II and the Reed Report as mentioned in the seven items of your letter.

In response to your request, copies of the documents listed in Appendix A are enclosed (total 156 pages). Copies are also being sent to the NRC Public Document Room (PDR), 1717 H Street, N.W., Washington, DC and to the Clinton Units I and II NRC Local Public Document Room (LPDR) located in the Vespasian Warner Public Library, 120 West Johnson Street, Clinton, Illinois.

Please note that we did not locate a copy of the letter which transmitted Bulletin No. 79-05A. Also, you should note in particular the statements made in the first full paragraph on page 3 of Appendix A, document 9, concerning licensees' implementation of the actions contained in NUREG-0578 as modified and/or supplemented by items (a) through (f) as stated in document 9.

In summary, we have responded to the seven items contained in your November 1, 1979 FOIA request as follows:

- Item 1: See Appendix A, documents 8 and 9
- Item 2: See Appendix A, documents 1 through 7
- Item 3: See (a) letter to you from S. J. Wolfe dated November 19, 1979, and (b) letter to Mr. Peter Penner, of your organization, from S. J. Wolfe dated October 15, 1979.
- Item 4: See reply to Item 3 above
- Item 5: See reply to Item 3 above
- Item 6: In response to your question, please be informed that there are no documents in the NRC's records which state any NRC final decisions or opinions which incorporate or in any way rely on the Reed Report, including concurring and dissenting opinions as well as orders or rules, and provisions for enforcement.

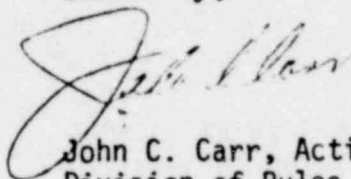
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Item 7: All documents located in our search, which are subject to your request, are identified in Appendix A.

This completes action on your request.

Sincerely,

A handwritten signature in cursive script, appearing to read "John C. Carr".

John C. Carr, Acting Director  
Division of Rules and Records  
Office of Administration

Enclosures: As stated

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Re: FOIA-79-479

APPENDIX A

1. April 1, 1979, Transmittal Letter, to W. C. Gerstner from J. G. Keppler, Re: IE Bulletin No. 79-05\* (1 page)
2. April 11, 1979, Transmittal Letter, to W. C. Gerstner from J. G. Keppler, Re: IE Bulletin No. 79-06\* (1 page)
3. April 14, 1979, Transmittal Letter, to W. C. Gerstner from J. G. Keppler, Re: IE Bulletin No. 79-06A\* (1 page)
4. April 14, 1979, Transmittal Letter, to W. C. Gerstner from J. G. Keppler, Re: IE Bulletin No. 79-06B\* (1 page)
5. April 14, 1979, Transmittal Letter, to W. C. Gerstner from J. G. Keppler, Re: IE Bulletin No. 79-08\* (1 page)
6. April 18, 1979, Transmittal Letter, to W. C. Gerstner from J. G. Keppler, Re: IE Bulletin No. 79-06A Revision No. 1\* (1 page)
7. April 21, 1979, Transmittal Letter, to W. C. Gerstner from J. G. Keppler, Re: IE Bulletin No. 79-05B\* with enclosures\*, and ACRS Recommendations to the Commission dated 4/18/79\* and 4/20/79\* (1 page)
8. July 25, 1979, Letter to L. J. Koch from D. B. Vassallo, Subject: TMI-2 LESSONS LEARNED TASK FORCE REPORT - NUREG-0578 (2 pages), with enclosures NUREG-0578 (102 pages)
9. October 10, 1979, Letter To All Licensees of Plants Under Construction, from D. B. Vassallo, Subject: FOLLOWUP ACTIONS RESULTING FROM THE NRC STAFF REVIEWS REGARDING THE THREE MILE ISLAND UNIT 2 ACCIDENT, (4 pages) with enclosures (11 pages)

\*Copies of these Bulletins are filed in the NRC Local Public Document Room (LPDR) located at the Vespasian Warner Public Library, 120 West Johnson Street, Clinton, Illinois.

PDR

Prairie Alliance  
Law Division  
P O Box 2424 Sta. A  
Champaign, IL 61820  
November 1, 1979

Mr. J. M. Felton, Director  
Division of Rules and Records  
Office of Administration  
Nuclear Regulatory Commission  
Washington, D. C. 20555

FREEDOM OF INFORMATION  
ACT REQUEST

FOIA-79-479  
rec'd 11-6-79

Dear Mr. Felton:

This is a request under the Freedom of Information Act.

I would like a copy of the following:

1) The TMI-2 LESSONS LEARNED TASK FORCE STATUS REPORT AND SHORT TERM RECOMMENDATIONS (July 1979) made specific provision for implementation of the short-term recommendations. For all post CP plants which had not yet applied for operating licenses, the NRC was to send a letter to the CP holder specifying particular licensing requirements for that plant. We would like a copy of the letter to Illinois Power Company, the CP holder for Clinton units I & II, as well as any other documents such as lists or attachments which may further specify design or procedural modifications necessary. (Refer to pg. B-1, NUREG 0578).

2) All CP holders are required to provide the NRC with a letter of compliance within 30 days. I would like a copy of this letter, as well as any attachments that may exist.

3) Attached to a letter (dated March 22, 1978) by Glenn G. Sherwood

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of General Electric to Dr. Roger Mattson of Division of Systems Safety, was a list of safety issues relevant to GE BWR's found in the Reed Report. I request a copy of that attachment.

- 4) There was a letter dated May 26, 1978 from GE to the NRC. This letter was in response to Roger Mattson's verbal request of May 1, 1978. There ~~is~~ is an attachment to that letter which provided a status report on the 27 licensing issues identified in the Reed Report. I would like a copy of this attachment.
- 5) The verbatim extractions of the Reed Report prepared by GE and supplied to the Black Fox interveners.
- 6) Any NRC final decisions or opinions which incorporate or in any way rely on the Reed Report, including concurring and dissenting opinions as well as orders or rules, and provisions for enforcement.
- 7) Any correspondence between Illinois Power Co. and the NRC pertaining to the above.

In the unlikely event that copies of any of the requested information are denied, please describe the deleted material in detail and specify the statutory basis for the denial as well as your reasons for believing that the alleged statutory justification applies in this instance. This might help to avoid litigation at a future date.

The Amended Act permits reduction or waiver of fee if the request "is in the public interest because furnishing the infor-

lation can be considered as primarily benefiting the public." I believe that this request plainly fits that category and ask you to waive any fees. 5 U. S. C. § 522 (a) (4) (A).

If you have any questions regarding this request, please feel free to call at (217) 384-4103.

As provided for in the amended Act, I will expect to receive a reply within ten working days.

Thank you for your time and consideration.

Sincerely,

*Joanne Schwart*

Joanne Schwart

JLS/jls

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Central Files

APR 1 1979

Docket No. 50-461 ✓  
Docket No. 50-462

Illinois Power Company  
ATTN: Mr. W. C. Gerstner  
Executive Vice President  
500 South 27th Street  
Decatur, IL 62525

Gentlemen:

The enclosed IE Bulletin No. 79-05 is forwarded to you for information. No written response is required. If you desire additional information regarding this matter, please contact this office. The Preliminary Notifications of the subject incident (Enclosure 1) will continue to be issued periodically. These will be forwarded to you as they are issued.

Sincerely,

James G. Keppler  
Director

Enclosure: IE Bulletin  
No. 79-05 w/enclosures

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APR 11 1979

Docket No. 50-461  
Docket No. 50-462

Illinois Power Company  
ATTN: Mr. W. C. Gerätner  
Executive Vice President  
500 South 27th Street  
Decatur, IL 62525

Gentlemen:

The enclosed IE Bulletin No. 79-06, is forwarded to you for information. No written response is required. If you desire additional information regarding this matter, please contact this office.

Sincerely,

James G. Keppler  
Director

Enclosure: IE Bulletin  
No. 79-06

POOR ORIGINAL

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APR 14 1979

Docket No. 50-461  
Docket No. 50-462

Illinois Power Company  
ATTN: Mr. W. C. Gerstner  
Executive Vice President  
500 South 27th Street  
Decatur, IL 62525

Gentlemen:

The enclosed Bulletin No. 79-06A, is forwarded to you for information.  
No written response is required. If you desire additional information  
regarding this matter, please contact this office.

Sincerely,

James G. Keppler  
Director

Enclosure: IE Bulletin  
No. 79-06A

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APR 14 1979

Docket No. 50-461

Docket No. 50-462

Illinois Power Company  
ATTN: Mr. W. C. Gerstner  
Executive Vice President  
500 South 27th Street  
Decatur, IL 62525

Gentlemen:

The enclosed IE Bulletin No. 79-06B, is forwarded to you for information. No written response is required. If you desire additional information regarding this matter, please contact this office.

Sincerely,

James G. Keppler  
Director

Enclosure: IE Bulletin  
No. 79-06B

POOR ORIGINAL

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April 14, 1979

Docket No. 50-461  
Docket No. 50-462

Illinois Power Company  
ATTN: Mr. W. C. Gerstner  
Executive Vice President  
500 South 27th Street  
Decatur, IL 62525

Gentlemen:

The enclosed IE Bulletin No. 79-08 is forwarded to you for information.  
No written response is required. If you desire additional information  
regarding this matter, please contact this office.

Sincerely,

James G. Keppler  
Director

Enclosure: IE Bulletin  
No. 79-08

POOR ORIGINAL

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April 18, 1979

Docket No. 50-461

Docket No. 50-462

Illinois Power Company  
ATTN: Mr. W. C. Gerstner  
Executive Vice President  
500 South 27th Street  
Decatur, IL 62525

Gentlemen:

The enclosed IE Bulletin No. 79-06A Revision No. 1, is forwarded to you for information. No written response is required. If you desire additional information regarding this matter, please contact this office.

Sincerely,

James G. Keppler  
Director

Enclosure: IE Bulletin  
No. 79-06A Revision No. 1

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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

October 10, 1979

(TO ALL LICENSEES OF PLANTS UNDER CONSTRUCTION)

Gentlemen:

SUBJECT: FOLLOWUP ACTIONS RESULTING FROM THE NRC STAFF REVIEWS REGARDING  
THE THREE MILE ISLAND UNIT 2 ACCIDENT

Over the past several months following the Three Mile Island accident, the NRC staff has been conducting an intensive review of the design and operational aspects of nuclear power plants and the emergency procedures for coping with potential accidents. The purpose of these efforts was to identify measures that should be taken in the short-term to reduce the likelihood of such accidents and to improve the emergency preparedness in responding to such events. To carry out this review, efforts within NRR were established in four areas: (a) licensee emergency preparedness, (b) operator licensing, (c) bulletins and orders followup (primarily in the areas of auxiliary feedwater systems reliability; loss of feedwater and small break loss-of-coolant accident analysis; emergency operating guidelines and procedures) and (d) Short-Term Lessons Learned.

The purpose of this letter is to provide for planning and guidance purposes the NRR staff position on the status and applicability of the results of these efforts to plants under construction. The Commission may add to or modify these staff positions after reviewing them. Additional staff requirements may be developed as NRR's Lessons Learned Task Force completes its long-term recommendations. Several other investigations, including the Presidential Commission and NRC's Special Inquiry Group, can be expected to lead to additional requirements.

Lessons Learned Task Force Report

The principal element of the staff activities listed above is contained in the report titled, "TMI-2 Lessons Learned Task Force Status Report and Short-Term Recommendations" (NUREG-0578), a copy of which was previously sent to you. The Task Force report contains a set of recommendations to be implemented in two stages over the next 16 months on operating plants and pending operating license applications. The Task Force recommended 20 licensing requirements and three rulemaking matters in 12 broad areas.

The Advisory Committee on Reactor Safeguards has completed its review of the Task Force report. The several public meetings of the ACRS subcommittee on TMI-2 and the public meeting of the full committee on August 9 provided

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No. of pages: 4

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ENCLOSURE 1

UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
ADVISORY COMMITTEE ON REACTOR SAFEGUARDS  
WASHINGTON, D C 20555

August 13, 1979

Honorable Joseph M. Hendrie  
Chairman  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

SUBJECT: SHORT-TERM RECOMMENDATIONS OF TMI-2 LESSONS LEARNED TASK FORCE

Dear Dr. Hendrie:

During its 232nd meeting, August 9-11, 1979, the Advisory Committee on Reactor Safeguards completed a review of the short-term recommendations of the TMI-2 Lessons Learned Task Force as reported in NUREG-0578. These recommendations had been reviewed, in part, by an ACRS Subcommittee at a meeting in Washington, D.C., on July 27, 1979. During its review the Committee had the benefit of discussions with members of the Task Force. Comments from representatives of the nuclear industry were also considered.

In its review, the Committee has noted that the recommendations in NUREG-0578 are those deemed by the Task Force to be required in the short term to provide substantial additional protection for the public health and safety.

The Committee has considered both the recommendations themselves and the schedules proposed for their implementation. Regarding the latter, the Committee believes that the orderly and effective implementation and the appropriate level of review and approval by the NRC Staff will require a somewhat more flexible, and in some cases more extended, schedule than is implied by NUREG-0578.

With regard to the requirements themselves, the Committee agrees with the intent and substance of all except those discussed below.

2.1.5 Post-Accident Hydrogen Control Systems

a. The Committee agrees with the recommendations relating to dedicated penetrations for external recombiners or purge systems for operating plants that have such systems.

b. and c. The majority of the Task Force has recommended rule-making to require inerting of BWR Mark I and II reactors. A minority of the Task Force has recommended rule-making to require that all operating light water reactors provide the capability to use a hydrogen recombiner.

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The Committee believes that questions relating to hydrogen generation during and following an accident, the rate and amount of generation, the need to control it, and the means of doing so, need to be reexamined. The Task Force has advised the Committee that it is considering this question further in connection with its longer-term recommendations which are scheduled to be completed by September, 1979. The ACRS believes that decisions concerning possible additional measures to deal with hydrogen should be deferred pending early evaluation of the forthcoming longer-term Task Force recommendations.

#### 2.1.8 Instrumentation to Follow the Course of an Accident

With regard to instrumentation to follow the course of an accident, the ACRS believes that containment pressure, containment water level, and on-line monitoring of hydrogen concentration in the containment should also be considered for implementation for all operating reactors on the same schedule as that recommended by the Lessons Learned Task Force.

#### 2.2.1.b Shift Technical Advisor

The Committee agrees completely with the two closely related objectives of this recommendation. One relates to the presence in the control room during off-normal events of an individual having technical and analytical capability and dedicated to concern for safety of the plant. The other relates to the need for an on-site, and perhaps dedicated, engineering staff to review and evaluate safety-related aspects of plant design and operation. The achievement of these objectives will contribute significantly to the safe operation of a plant.

The Committee believes that there may be difficulty in finding a sufficient number of people with the required qualifications and interest in shift work to fill the Technical Advisor positions. The Committee therefore believes the solution proposed by the Staff should not be mandatory but that alternate solutions also should be considered.

#### 2.2.3 Revised Limiting Conditions for Operation

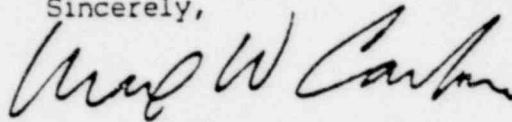
The Committee agrees with the findings of the Task Force that there are too many human or operational errors resulting in the defeat of an entire safety system, that the number of such occurrences should be and can be reduced, and that the ultimate responsibility for doing this must rest with the licensee.

The Committee, however, is not convinced that the Task Force proposal is the best or only way to increase the licensee's awareness of the

August 13, 1979

need to improve operational reliability, and suggests that measures short of shutdown, such as a rule that requires actions similar to those of a show-cause order, may be equally effective.

Sincerely,



Max W. Carbon  
Chairman

References:

1. NUREG-0578, "TMI-2 Lessons Learned Task Force Status Report and Short-Term Recommendations," Office of Nuclear Reactor Regulation, U.S. Nuclear Regulatory Commission, July 1979.
2. Letter, D. Knuth, President, KMC, Inc., to Harold Denton, Director, Office of Nuclear Reactor Regulation, U.S. Nuclear Regulatory Commission, August 8, 1979, Subject: TMI-2 Lessons Learned Task Force Report (NUREG-0578).
3. Letter, Stanley Ragone, President, Virginia Electric and Power Company, to Joseph M. Hendrie, Chairman, U.S. Nuclear Regulatory Commission, August 8, 1979, Subject: Lessons Learned Task Force on TMI-2, NUREG-0578.
4. Letter, Floyd W. Lewis, Chairman, Ad Hoc Nuclear Oversight Committee, to Harold R. Denton, Director, Office of Nuclear Reactor Regulation, U.S. Nuclear Regulatory Commission, August 1, 1979, Subject: Lessons Learned from TMI-2.
5. Letter, American Nuclear Society, ANS-3 Committee, to Joseph M. Hendrie, Chairman, U.S. Nuclear Regulatory Commission, August 2, 1979, Subject: Lessons Learned Task Force Status Report NUREG-0578.

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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
ADVISORY COMMITTEE ON REACTOR SAFEGUARDS  
WASHINGTON, D. C. 20555

August 15, 1979

MEMORANDUM FOR: Chairman Hendrie  
FROM: Raymond F. Fraley, <sup>RFF</sup> Executive Director, ACRS  
SUBJECT: ADDITIONAL REFERENCES TO ACRS LETTER ON SHORT-  
TERM RECOMMENDATIONS OF TMI-2 LESSONS LEARNED  
TASK FORCE DATED AUGUST 13, 1979

The attached revised Page 3 of the subject letter should be substituted for the one which was originally sent to you. This page incorporates additional references 6, 7, and 8.

Attachment:  
Revised Page 3

CC:  
Commissioner Gilinsky  
Commissioner Kennedy  
Commissioner Bradford  
Commissioner Ahearne

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Entire document previously  
entered into system under:

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No. of pages:

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