

AUG 5 1974

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- L Reading
- SVarga

Docket Nos. 50-237
and 50-249

Commonwealth Edison Company
 ATTN: Mr. J. S. Abel
 Nuclear Licensing Administrator -
 Boiling Water Reactors
 Post Office Box 767
 Chicago, Illinois 60690

Gentlemen:

The Director of Regulation has determined that good cause has been shown in your request of June 20, 1974, for extension of the time to August 26, 1974, for submission of the required ECCS evaluation for Units 2 and 3 of the Dresden Nuclear Power Station. The basis for the extension is contained in the enclosed Determination, a copy of which is being filed with the Office of the Federal Register for publication.

Sincerely,

Karl R. Goller
 Assistant Director
 for Operating Reactors
 Directorate of Licensing

Enclosure:
Determination

cc w/enclosure:
See next page

*See a Hatched
 Determination
 of concurrences
 d & S*

OFFICE	L:ORB #2	R:ORB #2	OGC	L:OR KRG	L:RP	LDL
SURNAME	RMDiggs	DLZiemann		KRGoller	AGiambusso	EGCase
DATE	8/5/74	8/5/74	8/ 1/74	8/5/74	8/ 1/74	8/ 1/74

AUG 5 1974

cc w/encl:

John W. Rowe, Esquire
Isham, Lincoln & Beale
One First National Plaza
Chicago, Illinois 60670

Chairman, Board of Supervisors
of Grundy County
Morris, Illinois 60451

Anthony Z. Roisman, Esquire
Berlin, Roisman and Kessler
1712 N Street, N. W.
Washington, D. C. 20036

Mr. Leroy Stratton
Bureau of Radiological Health
Illinois Department of Public Health
Springfield, Illinois 62706

Morris Public Library
604 Liberty Street
Morris, Illinois 60451

OFFICE ➤						
SURNAME ➤						
DATE ➤						

UNITED STATES ATOMIC ENERGY COMMISSION

DOCKET NOS. 50-237 AND 50-249

COMMONWEALTH EDISON COMPANY

DETERMINATION OF REQUEST FOR EXTENSION OF TIME
FOR SUBMITTAL OF EVALUATIONS REQUIRED BY ACCEPTANCE
CRITERIA FOR EMERGENCY CORE COOLING SYSTEMS (10 CFR
SUBSECTION 50.46(a)(2)(iii))

As required by 10 CFR subsection 50.46(a)(2), certain licensees must achieve compliance with acceptance criteria for emergency core cooling systems (ECCS) published in Appendix K to 10 CFR Part 50, by August 5, 1974, unless an extension of time for submission of the required ECCS performance evaluation and proposed Technical Specifications has been approved by the Director of Regulation pursuant to 10 CFR subsection 50.46(a)(2)(iii). As required by 10 CFR subsection 50.46(a)(2)(iii), a Notice was published in the Federal Register on July 11, 1974, (39 F.R. 25528) that the Director of Regulation had received and was considering a request from the Commonwealth Edison Company (the licensee) for an extension of time until October 5, 1974, of the submittal date for the Dresden Nuclear Power Station, Units 2 and 3 ECCS evaluations.

The Notice also invited the submission of views and comments by any interested persons on the licensee's request. Comments have been received from Friends of the Earth and Consolidated National Intervenors. These groups oppose the granting of that part of the requested extension of time to prepare an exemption request 45 days in advance of the extended submission date on the grounds that temporary derating cannot be considered as a basis for non-compliance with fundamental baseline regulations

The Regulatory staff has taken into account these comments in the determination reflected herein. It should be noted that in making its determination the Regulatory staff did not take into account the licensee's request for additional time for the preparation of an exemption request.

In support of its request for an extension of time, the licensee states that it does not expect to receive the ECCS evaluation models and analyses from the General Electric Company (GE) for Dresden Units 2 and 3 before July 15, 1974. The licensee states that the requested extension will allow approximately two additional weeks to review the results of the analysis and develop appropriate Technical Specification changes. The basis for the remaining six weeks of the requested extension was to allow time for filing a request for exemption in the event that it became appropriate. (GE has indicated the evaluation models and analyses were transmitted to the licensee on July 22, 1974.)

It is evident from the licensee's request that the basis for an extension of time is the unavailability of the necessary evaluation models and analyses from GE. Since the promulgation of the regulation, the Regulatory staff has been engaged in a continuing effort to develop an AEC evaluation model which would meet the requirements of Appendix K of 10 CFR Part 50. A similar effort has been underway by the four vendors of nuclear steam supply systems for light-water nuclear power reactors, including GE. As the Regulatory staff recognizes from its efforts, this development work has involved a considerable amount of time. Based upon the Regulatory staff's experience and its knowledge of

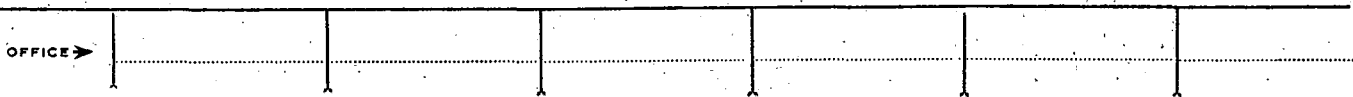
the efforts on the part of GE to develop adequate evaluation models and

analyses, the Regulatory staff believes that the licensee's statements regarding delay by GE in completing and submitting to it an evaluation model and analyses constitutes good cause for extension of the August 5, 1974 deadline for the submittal of the information required by 10 CFR Section 50.46. The Regulatory staff, however, does not believe the licensee has justified an extension of time until October 5, 1974. The Regulatory staff has independently developed a schedule of the steps and average times that should be sufficient for internal review by the licensee after transmittal by GE of GE evaluation and analyses to the licensee.

This schedule takes into account the review schedules submitted by all licensees who have requested extensions as well as the Regulatory staff's own views as to the minimum time which should be required to conduct the utility reviews and to prepare the necessary information for submittal to the Regulatory staff. The Regulatory staff's schedule is as follows:

1. Engineering review (including Q/A review) of evaluation models and analyses. (7 days).
2. Preparation of proposed Technical Specifications and revised operating procedures. (14 days)
3. Review by plant operations and nuclear safety committee and appropriate company nuclear review committee. (10 days)
4. Submit. (4 days)

Total Time: 35 days.



Based upon the above, the Regulatory staff has concluded that an extension of time of 35 days should be granted to the licensee commencing with the date of transmittal by GE of the GE model and analyses to the licensee. It should be noted that this licensee will be required to operate the Dresden Units 2 and 3 in accordance with limitations of the Interim Acceptance Criteria for ECCS during the period of the time extension granted herein.

Accordingly, based on the foregoing considerations and for good cause shown, the Director of Regulation hereby grants an extension of time to the licensee which extends the date for compliance with the requirements of 10 CFR subsection 50.46(a)(2)(ii) from August 5, 1974, until August 26, 1974.

Dated at Bethesda, Maryland, this 5th day of August 1974.

FOR THE ATOMIC ENERGY COMMISSION

Original Signed By
E. G. Case

Edson G. Case
Acting Director of Regulation

Abel notified
8/5/74
RUB

OFFICE	L:ORB #2	L:ORB #2	OGC	L:OR	I:RF	L:DL
SURNAME	RDSilver:rwg	DLZiemann	W.D. PATON	KRGoller	AGiambusso	EGCase
DATE	8/1/74	8/1/74	8/1/74	8/2/74	8/2/74	8/1/74

The Regulatory staff has taken into account these comments in the determination reflected herein. It should be noted that in making its determination, the Regulatory staff ~~did not believe that the licensee's request had demonstrated good cause for additional time in which to prepare an~~ ^{take into account} ~~believe that the licensee's~~ ^{request} ~~had demonstrated good cause for additional time in which to prepare an~~ ^{for the preparation of} exemption request.

In support of its request for an extension of time, the licensee states that it does not expect to receive the ECCS evaluation models and analyses from the General Electric Company (GE) for Dresden Units 2 and 3 before July 15, 1974. The licensee states that the requested extension will allow approximately two additional weeks to review the results of the analyses and develop appropriate Technical Specification changes. The basis for the remaining six weeks of the requested extension was to allow time for filing a request for exemption in the event that became appropriate. (GE has indicated the evaluation model and analyses were transmitted to the licensee on July 22, 1974).

It is evident from the licensee's request that the basis for an extension of time is the unavailability of the necessary evaluation models and analyses from GE. Since the promulgation of the regulation, the Regulatory staff has been engaged in a continuing effort to develop an AEC evaluation model which would meet the requirements of Appendix K of 10 CFR Part 50. A similar effort has been underway by the four vendors of nuclear steam supply systems for light-water nuclear power reactors, including GE. As the Regulatory staff recognizes from its efforts, this development work has involved a considerable amount of time. Based upon the Regulatory staff's experience and its knowledge of the efforts on the part of GE to develop adequate evaluation models and