

Docket Nos.: STN 50-454, STN 50-455,
and STN 50-456

LCN 1 1455

Mr. Dennis J. Farrar
Director of Nuclear Licensing
Commonwealth Edison Company
Post Office Box 767
Chicago, Illinois 60690

Dear Mr. Farrar:

Subject: Environmental Assessment and Finding of No Significant Impact -
Exemption from Submittal of an Updated Final Safety Analysis
Report for Byron/Braidwood

I am enclosing the subject notice which relates to your April 16, 1985 request for exemption from the requirements of 10 CFR 50.71(e)(3) to extend the deadline for submittal of an updated Final Safety Analysis Report.

This notice is being forwarded to the Office of the Federal Register for publication.

Sincerely,

ORIGINAL SIGNED BY:

B. J. Youngblood, Chief
Licensing Branch No. 1
Division of Licensing

Enclosure:
Notice

cc: See next page

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BYRON/BRAIDWOOD

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RYRON BRADWOOD

JUN 10 1985

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UNITED STATES NUCLEAR REGULATORY COMMISSIONCOMMONWEALTH EDISON COMPANYDOCKET NOS. STN 50-454, STN 50-455, STN 50-456ENVIRONMENTAL ASSESSMENT AND FINDINGOF NO SIGNIFICANT IMPACT

The U. S. Nuclear Regulatory Commission (the Commission) is considering issuance of an exemption from the schedular requirement of 10 CFR 50.71(e)(3) (i) to the Commonwealth Edison Company (the licensee) for Byron Station, Units 1 and 2, and Braidwood Station, Unit 1 (the facilities). Byron Station is located at the licensee's site in Ogle County, Illinois and Braidwood Station is located at the licensee's site in Will County, Illinois. Byron Station, Unit 1, received its full power operating license on February 14, 1985; the other two units have not yet received operating licenses.

ENVIRONMENTAL ASSESSMENTIdentification of Proposed Action:

The proposed action would grant an exemption from the requirement of 10 CFR 50.71(e)(3)(i) to submit an updated Final Safety Analysis Report (FSAR) for the facilities within 24 months of the date of issuance of the operating license. By letter dated April 16, 1985, the licensee requested an exemption to defer submittal of the updated FSAR until 12 months after Braidwood Station, Unit 2, is licensed. This deferral is the proposed action being considered by the staff.

The Need for the Proposed Action

The FSAR applies to four units: Byron Station, Units 1 and 2, and Braidwood Station, Units 1 and 2. The licensee will continue to keep the FSAR up-to-date throughout the licensing of Byron Station, Unit 2, and Braidwood Station, Units 1 and 2. The licensee states that it is not practical to maintain an FSAR and an updated FSAR and proposes to submit the updated FSAR within twelve months after issuance of the operating license for Braidwood Station, Unit 2.

Environmental Impacts of the Proposed Action:

The proposed exemption affects only the required date for updating the FSAR and does not affect the risk of facility accidents. Thus, post-accident radiological releases will not differ from those determined previously, and the proposed exemption does not otherwise affect facility radiological effluents or occupational exposures. With regard to potential nonradiological impacts, the proposed exemption does not affect plant non-radiological effluents and has no other environmental impact. Therefore, the Commission concludes there are no measurable radiological or nonradiological environmental impacts associated with the proposed exemption.

Alternatives to the Proposed Action:

Since the Commission has concluded there is no measurable environmental impact associated with the proposed exemption, any alternatives with equal or greater environmental impacts need not be evaluated. The principal alternative to the exemption would be to require an earlier date for submittal of the updated FSAR. Such an action would not enhance the protection of the environment and is unnecessary in these circumstances since the purpose of maintaining a current FSAR will be met by compliance with 10 CFR Section 50.34 during the period of licensing review of Byron Unit 2 and Braidwood Units 1 and 2.

Alternative Use of Resources:

This action does not involve the use of resources not considered previously in the [redacted] Environmental Statement for both Byron Station, Units 1 and 2, and Braidwood Station, Units 1 and 2.

Agencies and Persons Consulted:

The NRC staff reviewed the licensee's request and did not consult other agencies or persons.

FINDING OF NO SIGNIFICANT IMPACT

The Commission has determined not to prepare an environmental impact statement for the proposed exemption. Based upon the environmental assessment, the NRC staff concludes that the proposed action will not have a significant effect on the quality of the human environment.

For further details with respect to this proposed action, see the license letter dated April 16, 1985. This letter is available for public inspection at the Commission's Public Document Room, 1717 H Street, N. W., Washington, D. C. 20555, at the Rockford Public Library, 215 N. Wyman, Street, Rockford, Illinois 61103, and at the Wilmington Public Library, 292 S. Kankakee Street, Wilmington, Illinois 60481.

Dated at Bethesda, Maryland, this day 1985.

Sincerely,

Thomas M. Novak, Assistant Director
for Licensing
Division of Licensing

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