

JUN 17 1975

Docket Nos. 50-313  
and 50-368

Arkansas Power & Light Company  
ATTN: Mr. J. D. Phillips  
Senior Vice President  
9th and Louisiana Streets  
Little Rock, Arkansas 72203

Gentlemen:

Amendments in Title 10, Chapter I, Code of Federal Regulations, Part 50, concerning Appendix I which sets forth the Nuclear Regulatory Commission's decision regarding numerical guides for design objectives and limiting conditions for operation to meet the criterion for "as low as practicable" for radioactive materials in light-water-cooled nuclear power reactors were published by the Commission on May 5, 1975, (40 FR 19439) and became effective on June 4, 1975.

Since your applications for permits to construct Arkansas Nuclear One, Units 1 and 2 were filed prior to January 2, 1971, you must submit to the Commission, within a period of twelve months from June 4, 1975:

1. Such information as is necessary to evaluate the means employed for keeping radioactivity in effluents to unrestricted areas as low as practicable, including all such information as is required by 50.34a (b) and (c) not already contained in your application; and
2. Plans and proposed technical specifications developed for the purpose of keeping releases of radioactive materials to unrestricted areas during normal reactor operations, including expected operational occurrences, as low as practicable.

The staff is in the process of developing specific procedures which will include consideration of the Appendix I guidelines, and expects to have specific guidance available by September, 1975. In

*Encl (2)* *RM*

THIS DOCUMENT CONTAINS  
POOR QUALITY PAGES

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In the interim, we recommend that you develop information which would demonstrate that the design of the equipment installed to maintain control over radioactive materials in gaseous and liquid effluents expected to be produced during reactor operations will conform to the Appendix I guidelines.

Our request and schedule for specific information will be sent to you after development of the specific review procedures. We believe that the information referred to above should be submitted as soon as feasible before June 4, 1976.

Sincerely,

Daniel R. Muller, Assistant Director  
for Environmental Projects  
Division of Reactor Licensing

cc: Horace Jewell, Esq.  
House, Holms & Jewell  
1550 Tower Building  
Little Rock, Ark. 72201

Distribution  
Dockets (ENVIRON)  
NRC PDR  
Local PDR  
EP Branch Chiefs  
EP Licensing Assistants  
DR Muller  
ELD  
R DeYoung  
V Moore  
K Goller  
*NRK Reading*

(IDENTICAL LETTER SENT TO ADDRESSEES ON ATTACHED LIST)

6/12/75 -- J. Kastner & H. Denton concurred verbally.  
C. Burke concurred verbally for Collins(ETSB)  
B. Tedesco concurred verbally.

See attached yellow for previous concurrences

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	RL:EP-3 Miraglia/bm Youngblood 6/9/75	RL:EP-1 Grighton 6/10/75	RL:EP-2 GDicker 6/9/75	RL:EP-4 WRegan 6/9/75	
OFFICE	ELD	AD/LWR-3	AD/LWR-2	AD/OR	DRL:EP
SURNAME	<i>[Signature]</i>	RDeYoung	V Moore	KGoller	DMuller
DATE	6/9/75	6/13/75	6/13/75	6/13/75	6/9/75

CP'S APPLIED FOR BEFORE JANUARY 1971

Arkansas Power & Light Company

Arkansas Nuclear One, Unit 1  
(50-313)

Arkansas Nuclear One, Unit 2  
(50-368)

Alabama Power Company

Joseph M. Farley Nuclear Plant, Units 1 & 2  
(50-348, 50-364)

Baltimore Gas & Electric Company

Calvert Cliffs Nuclear Plant, Units 1 & 2  
(50-317, 50-318)

Boston Edison Company

Pilgrim Nuclear Power Station, Unit 1  
(50-293)

Consumers Power Company

Big Rock Point  
(50-155)

Midland Plant, Units 1 & 2  
(50-329, 50-330)

Palisades Plant  
(50-255)

Carolina Power & Light Company

Brunswick Steam Electric Plants, Units 1 & 2  
(50-324, 50-325)

H. B. Robinson Steam Electric Plant, Unit 2  
(50-261)

The Cincinnati Gas & Electric Company

Wm. H. Zimmer Nuclear Power Station  
(50-358)

Connecticut Yankee Atomic Power Company

Haddam Neck Plant  
(50-213)

} holding

Before 1/71

- 2 -

Commonwealth Edison Company

Dresden Nuclear Power Station, Units 1, 2, 3  
(50-10, 50-237, 50-249)

LaSalle County Nuclear Power Station, Units 1 & 2  
(50-373, 50-374)

Quad-Cities Station, Units 1 & 2  
(50-254, 50-265)

Zion Station, Units 1 & 2  
(50-295, 50-304)

Consolidated Edison Company of New York, Inc.

Indian Point, Units 1, 2, 3  
(50-3, 50-247, 50-286) *not sent*

Duquesne Light Company

Beaver Valley Power Station, Unit 1  
(50-334)

Dairyland Power Cooperative

LaCrosse Boiling Water Reactor  
(50-409)

Detroit Edison Company

Enrico Fermi 2  
(50-341)

Duke Power Company

McGuire Nuclear Station, Units 1 and 2  
(50-369, 50-370)

Oconee Nuclear Station, Units 1, 2, 3  
(50-269, 50-270, 50-287)

Florida Power Corporation

Crystal River Unit 3  
(50-302)

Florida Power & Light Company

St. Lucie Unit 1  
(50-335)

Turkey Point Units 3 & 4  
(50-250, 50-251)

- 3 -

Georgia Power CompanyEdwin I. Hatch Nuclear Plant, Units 1 & 2  
(50-321, 50-366)Indiana & Michigan Electric CompanyDonald C. Cook Nuclear Plant, Units 1 & 2  
(50-315, 50-316)Iowa Electric Light and Power CompanyDuane Arnold Energy Center  
(50-331)Jersey Central Power & Light CompanyForked River Nuclear Generating Station, Unit 1  
50-363Oyster Creek Nuclear Generating Station, Unit 1  
50-219Long Island Lighting CompanyShoreham Nuclear Power Station  
50-322Louisiana Power & Light CompanyWaterford Steam Electric Generating Station, Unit 3  
50-382Maine Yankee Atomic Power CompanyMaine Yankee Atomic Power Station  
50-309Metropolitan Edison CompanyThree Mile Island, Units 1 and 2  
50-289, 50-320Northern Indiana Public Service Co.Bailly Generating Station, Nuclear One - *holding*  
50-367Nebraska Public Power DistrictCooper Nuclear Station  
50-298Niagara Mohawk Power Corp.Nine Mile Point Nuclear Station, Unit 1  
50-220

Northeast Nuclear Energy Company  
 Millstone Nuclear Power Station, Units 1 & 2  
 50-245, 50-336

Northern States Power Company  
 Monticello Nuclear Generating Unit 1 — *holding*  
 50-263

Prairie Island 1 & 2  
 50-282, 50-306

Omaha Public Power District  
 Ft. Calhoun Station, Unit 1  
 50-285

Pacific Gas & Electric Company  
 Diablo Canyon Reactor, Units 1 & 2  
 50-275, 50-323

Humboldt Bay  
 50-133

Philadelphia Electric Company  
 Limerick Generating Station, Units 1 & 2  
 50-352, 50-353

Peach Bottom Atomic Power Station, Units 2 & 3  
 50-277, 50-278

Portland General Electric Company  
 Trojan Nuclear Plant  
 50-344

Power Authority of the State of New York  
 James A. FitzPatrick Nuclear Power Plant  
 50-333

Public Service Electric & Gas Co.  
 Salem Nuclear Station, Units 1 & 2  
 50-272, 50-311

Rochester Gas & Electric Corp.  
 Ginna Nuclear Power Plant, Unit 1  
 50-244

Sacramento Municipal Utility District  
 Rancho Seco Nuclear Generating Station  
 50-312

Southern California Edison Company

San Onofre Nuclear Station, Units 1, 2, 3  
50-206, 50-361, 50-362

Tennessee Valley Authority

Browns Ferry Plant, Units 1, 2, 3  
50-259, 50-260, 50-261

Sequoyah Nuclear Plant, Units 1 & 2  
50-327, 50-328

The Toledo Edison Company

Davis-Besse Nuclear Power Station, Unit 1  
50-346

Vermont Yankee Nuclear Power Corporation

Vermont Yankee Nuclear Power Station  
50-271

*- holding*

Virginia Electric & Power Company

North Anna Power Station, Units 1 and 2  
50-338, 50-339

Surry Power Station, Units 1 and 2  
50-280, 50-281

Wisconsin Michigan and Wisconsin Electric Power Company

Point Beach Nuclear Plant, Units 1 and 2  
50-266, 50-301

Wisconsin Public Service Corporation

Kewaunee Nuclear Power Plant  
50-305

Yankee Atomic Electric Company

Yankee-Rowe  
50-29