

50-456/457



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

March 16, 1999

Mr. George Hoffman, Township Supervisor
Township of Essex
P.O. Box 64
Essex, Illinois 60935

SUBJECT: TOWNSHIP OF ESSEX RESOLUTION NO. 2-99 BRAIDWOOD

Dear Mr. Hoffman:

Thank you for your letter dated February 3, 1999, in which you expressed concern over the sale of certain properties by the Commonwealth Edison Company (ComEd). You stated that the sale could present a risk to the health and safety of the residents of the area because of the loss of emergency cooling water for the Braidwood Station. The source of cooling water in question is a series of lakes (strip-mine ponds) located on the properties that are being sold. You stated that ComEd had previously used water from these ponds and may need it in the future to support the safe operation of Braidwood. The concerns were promulgated in the Township of Essex Resolution No. 2-99 that resolved to seek the assistance of Federal and State government agencies to prevent the transfer of these properties.

Braidwood's licensing by the U. S. Nuclear Regulatory Commission (NRC) does not specify the use of the strip-mine ponds as sources of cooling water. The ultimate heat sink (source of cooling water) for Braidwood is provided by the essential cooling pond--an excavated depression within the main cooling pond. The plant is designed such that with a pond level of at least 590 feet above sea level, the ultimate heat sink provides enough water to cool the essential heat loads of both units for at least 30 days without makeup water under worst-case conditions. The plant's Technical Specifications require ComEd to maintain a pond water level of at least 590 feet or to begin shutdown of the plant. The normal source of makeup water for Braidwood Station's cooling pond is from the Kankakee River. In situations of severe drought, the strip-mine ponds could be used to augment this source and reduce the drain on the Kankakee River; however, the ponds are not needed to safely shut down the plant or to maintain the plant in a safe condition.

In summary, plant safety is ensured by the design of the essential cooling pond and by the water level requirements in Braidwood's Technical Specifications. Therefore, there is no regulatory basis for the NRC to require ComEd to rely on the strip-mine ponds as a supplemental source of cooling water or to maintain ownership of the land as part of the Braidwood Station property.

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NRC FILE CENTER COPY

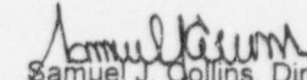
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P PDR

Mr. George Hoffman

- 2 -

I wish to thank you for bringing your concerns to my attention, and I hope the information we are providing you is responsive to your concerns.

Sincerely,


Samuel J. Collins, Director
Office of Nuclear Reactor Regulation

Docket Nos. STN 50-456 and STN 50-457

cc w/encl: See next page

March 16, 1999

Mr. George Hoffman

- 2 -

I wish to thank you for bringing your concerns to my attention, and I hope the information we are providing you is responsive to your concerns.

Sincerely,

ORIG. SIGNED BY
Samuel J. Collins, Director
Office of Nuclear Reactor Regulation

Docket Nos. STN 50-456 and STN 50-457

cc w/encl: See next page

This correspondence addresses policy issues previously resolved by the Commission, transmits factual information, or restates Commission policy.

DISTRIBUTION:

Docket File	PUBLIC
PDIII-2 r/f	NRR Mailroom (G19990078)
S. Collins	EDO Mailroom (G19990078)
R. Zimmerman	W. Kane
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S. Richards	C. Moore
S. Bailey	W. Travers
M. Knapp	F. Miraglia
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DOCUMENT NAME: G:\PD3-2\GRN99078.WPD

See previous concurrence*

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OFFICE	PM:PDIII-2 E	LA:PDIII-2 e	TECH EDITOR	D:PDIII-2	D:DLPM
NAME	S. Bailey: sp <i>SUB</i>	C. Moore <i>W. Travers</i>	B. Calure*	S. Richards*	J. Zwolinski*
DATE	3/1/99	2/25/99 <i>3/1/99</i>	2/24/99	2/24/99	2/25/99
OFFICE	D:NRR <i>APZ</i>	EDO <i>W. Travers</i>	OCM/SAJ	ADPT	D:NRR <i>SCollins (sig)</i>
NAME	S. Collins	W. Travers	S. Jackson	B. Sheron*	S. Collins (sig)
DATE	3/2/99	3/4/99	3/16/99	2/26/99	3/16/99

Official Record Copy

Braidwood Station
Units 1 and 2

cc:

Mr. O. Kingsley, President
Nuclear Generation Group
Commonwealth Edison Company
Executive Towers West III
1400 Opus Place, Suite 500
Downers Grove, Illinois 60515

Ms. C. Sue Hauser, Project Manager
Westinghouse Electric Corporation
Energy Systems Business Unit
Post Office Box 355
Pittsburgh, Pennsylvania 15230

Joseph Gallo
Gallo & Ross
1025 Connecticut Ave., N.W., Suite 1014
Washington, DC 20036

Regional Administrator
U.S. NRC, Region III
801 Warrenville Road
Lisle, Illinois 60532-4351

Ms. Bridget Little Rorem
Appleseed Coordinator
117 N. Linden Street
Essex, Illinois 60935

Howard A. Learner
Environmental Law and Policy
Center of the Midwest
35 East Wacker Drive
Suite 1300
Chicago, Illinois 60601

U.S. Nuclear Regulatory Commission
Braidwood Resident Inspectors Office
Rural Route #1, Box 79
Braceville, Illinois 60407

Chairman
Will County Board of Supervisors
Will County Board Courthouse
Joliet, Illinois 60434

Mr. Ron Stephens
Illinois Emergency Services
and Disaster Agency
110 E. Adams Street
Springfield, Illinois 62706

Ms. Lorraine Creek
RR 1, Box 182
Manteno, Illinois 60950

Attorney General
500 S. Second Street
Springfield, Illinois 62701

George L. Edgar
Morgan, Lewis and Bochiuss
1800 M Street, N.W.
Washington, DC 20036

Illinois Department of Nuclear Safety
Office of Nuclear Facility Safety
1035 Outer Park Drive
Springfield, Illinois 62704

Commonwealth Edison Company
Braidwood Station Manager
RR 1, Box 84
Braceville, Illinois 60407-9619

Document Control Desk-Licensing
Commonwealth Edison Company
1400 Opus Place, Suite 400
Downers Grove, Illinois 60515

Commonwealth Edison Company
Site Vice President - Braidwood
RR 1, Box 84
Braceville, IL 60407-9619

Mr. David Helwig
Senior Vice President
Commonwealth Edison Company
Executive Towers West III
1400 Opus Place, Suite 900
Downers Grove, Illinois 60515

Mr. Gene H. Stanley
PWR Vice President
Commonwealth Edison Company
Executive Towers West III
1400 Opus Place, Suite 900
Downers Grove, Illinois 60515

Mr. Christopher Crane
BWR Vice President
Commonwealth Edison Company
Executive Towers West III
1400 Opus Place, Suite 900
Downers Grove, Illinois 60515

Mr. R. M. Krich
Vice President - Regulatory Services
Commonwealth Edison Company
Executive Towers West III
1400 Opus Place, Suite 500
Downers Grove, Illinois 60515

Commonwealth Edison Company
Reg. Assurance Supervisor - Braidwood
RR 1, Box 84
Braceville, Illinois 60407-9619

Ms. Pamela B. Stroebel
Senior Vice President and General Counsel
Commonwealth Edison Company
P.O. Box 767
Chicago, Illinois 60690-0767

*Lead DHPM
2/17*

Richard/Bailey
ACTION

EDO Principal Correspondence Control

extended to 3/1/99

FROM: DUE: 02/25/99 EDO CONTROL: G19990078
DOC DT: 02/03/99
FINAL REPLY:

George Hoffman
Township of Essex - Illinois

TO:

Chairman Jackson

FOR SIGNATURE OF :

** GRN **

CRC NO: 99-0136

Collins, NRR

DESC:

ROUTING:

EMERGENCY COOLING WASTE FOR THE BRAIDWOOD POWER STATION

Travers
Knapp
Miraglia
Norry
Blaha
Burns
Dyer, RIII

DATE: 02/16/99

ASSIGNED TO:

CONTACT:

NRR

Collins

SPECIAL INSTRUCTIONS OR REMARKS:

Add EDO and Chairman on for concurrence.
Chairman's office to review response prior to dispatch.

*NRR Action: DHPM: Gwolski
NRR Received: February 16, 1999
NRR Routing: Collins/Gimmerman
Kane
Sheron
NRR Mailroom*

ACTION
DUE TO NRR DIRECTOR'S OFFICE
BY <u>2/22/99</u>

extended to 3/1/99

