

APR 6 1994

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Docket No. 50-457
License No. DPR-72
CAL No. RIII-94-005

Commonwealth Edison Company
ATTN: Mr. Michael J. Wallace
Vice President
Chief Nuclear Officer
Executive Towers West III, Suite 500
1400 Opus Place
Downers Grove, IL 60515

SUBJECT: CONFIRMATORY ACTION LETTER (CAL) RIII-94-005 FOR BRAIDWOOD UNIT 2

Dear Mr. Wallace:

On April 5, 1994, the NRC was notified by Braidwood that Unit 2 tripped due to a main transformer fault. All systems responded as expected except one rod stuck out of the core. This event is of significant concern and requires your immediate attention.

This letter confirms the telephone conversation between Mr. Sig Berg of your staff and Mr. Thomas Martin of my staff on April 6 concerning actions to be taken by Commonwealth Edison Company to address our Braidwood Unit 2 concerns. Specifically, we understand that Commonwealth Edison Company will perform the following actions:

1. Conduct an investigation to determine the cause of the stuck control rod (K2) following the reactor trip of Unit 2 on April 5, 1994. Maintain documentary evidence of this investigation and make it available to the NRC.
2. Perform no further testing, maintenance, manipulations, or other evolutions that would disturb any potentially involved equipment associated with control rod K2 until you have reviewed your troubleshooting plans with the Regional Administrator or his designee. This would include any effort to move this control rod or remove the reactor vessel head.
3. Promptly borate the reactor coolant system to cold shutdown conditions and proceed to cold shutdown. Any investigations, special tests, or other related actions taken as you proceed to cold shutdown will be performed only as they are guided by your plan.

We further understand that the reactor startup (power operation) will not occur until you have informed the Regional Administrator or his designee of the results

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Distribution

cc:

- L. DelGeorge, Vice President, Nuclear Oversight & Regulatory Services
- K. Kofron, Station Manager
- K. Bartes, Regulatory Assurance Supervisor
- D. Farrar, Nuclear Regulatory Services Manager
- OC/LFDCB
- Resident Inspectors, Braidwood, Byron, Zion
- H. A. Learner
- R. Hubbard
- Schloss, Economist, Public Utilities Division
- Licensing Project Manager, NRR
- State Liaison Officer
- Chairman, Illinois Commerce Commission
- J. M. Taylor, EDO
- J. L. Milhoan, DEDR
- H. L. Thompson, DEDS
- E. G. Greenman, RIII
- W. T. Russell, NRR
- L. A. Reyes, NRR
- J. W. Roe, NRR
- J. A. Zwolinski, NRR
- J. E. Dyer, NRR
- E. L. Jordan, AEOD
- B. K. Grimes, NRR
- J. Lieberman, OE
- J. R. Goldberg, OGC
- R. J. Strasma, RIII

bcc: PUBLIC - IE35

YES
 RIII
 Landsman
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Yes
 RIII
 Jorgensen
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RIII
 DeFayette
 4/6/94

RIII
 Berson
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Yes
 RIII
 Martin
 4/6/94

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 Martin
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APR 6 1994

of your investigation and corrective actions. It is anticipated that this information will be discussed with the NRC during a meeting.

None of the actions specified herein should be construed to take precedence over actions which you feel necessary to ensure plant and personnel safety.

Pursuant to Section 182 of the Atomic Energy Act, 42 U.S.C. 2232, and 10 CFR 2.204, you are required to:

1. Notify me immediately if your understanding differs from that set forth above,
2. Notify me if for any reason you cannot complete the actions within the specified schedule and advise me in writing of your modified schedule in advance of the change, and
3. Notify me in writing when you have completed the actions addressed in this CAL.

Issuance of this CAL does not preclude issuance of an order formalizing the above commitments or requiring other actions on the part of the licensee; nor does it preclude the NRC from taking enforcement action for violations of NRC requirements that may have prompted the issuance of this letter. In addition, failure to take the actions addressed in this CAL may result in enforcement action.

The responses directed by this letter are not subject to the clearance procedures of the Office of Management and Budget as required by the Paperwork Reduction Act of 1980, Pub. L. No. 96-511.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter and your responses will be placed in the NRC Public Document Room.

We will gladly discuss any questions you may have concerning this matter.

Sincerely,

Original Signed By
A. J. Miller

for John B. Martin
Regional Administrator

See Attached Distribution