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May 24, 1996

United States Nuclear Regulatory Commission  
Washington, D.C. 20555

Attention: Document Control Desk

Subject: Progress Update for Braidwood Station  
Braidwood Nuclear Power Station Units 1 and 2  
NRC Docket Nos. 50-456, 50-457

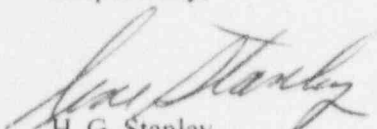
Reference: John C. Brons letter, to U.S. Nuclear Regulatory  
Commission, dated December 26, 1995.

In December 1995, ComEd presented information to the NRC staff regarding performance goals for each of the ComEd Nuclear Power Stations. During that meeting, Braidwood Station provided a list of goals on human performance and materiel condition issues to be completed prior to April 30, 1996. This list is included in the referenced letter. Attached is summary of how Braidwood Station did in achieving these stated goals. A strong emphasis has been made at the Station to focus on equipment and employee performance, both of which are important factors in meeting the listed goals.

Overall, Braidwood Station realized many of the equipment performance goals. The Station has been challenged in meeting goals associated with human performance issues. As a result, this area is a major focus in the Improvement Initiatives being addressed by the Station.

If there are any questions or comments concerning this letter, please refer them to me at (815) 458-2801, extension 3600.

Respectfully,

  
H. G. Stanley  
Site Vice President  
Braidwood Station

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## SIGNIFICANT WORK ACTIONS TO BE REALIZED AS OF APRIL 30, 1996

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### *Human Performance*

#### *Continue Improving Trend in Personnel Error LERs to $\leq 2$ by April 30, 1996. (1996 Goal-5)*

There were 3 Personnel Error LERs.

#### *Continue Improving Trend in Consequential Human Errors to $\leq 4$ by April 30, 1996. (1996 Goal-13)*

4 Consequential Human Errors had occurred on or before April 30, 1996.

#### *Continue Reducing OSHA Recordable Injuries to $\leq 5$ by April 30, 1996. (1996-14)*

There were 8 OSHA recordable injuries.

#### *Extend Time Between Events to $\geq 50$ Days.*

The average number of days between events occurring prior to May 1, 1996, was 14 days.

#### *Maintain Zero Significant Overdue Action Items.*

The Station has been successful in maintaining zero significant overdue action items.

### *Equipment Performance*

#### *Planned Maintenance Will Not Increase PRA by More Than a Factor of 1.3*

PRA factor average is 1.14. This figure represents the real risk profile for the year and relates to all equipment unavailability, including planned maintenance, and effects of events (such as the SAT trip).

#### *Refurbished Condensate/Condensate Booster Pumps Will Be Operating or Available 95% of the Time.*

The availability goals for the condensate/condensate booster pumps have not been met due to emergent discharge check valve problems.

#### *Disposition an Average of 1 Operator Workaround Per Month.*

An average of 3.25 operator workarounds have been dispositioned each month.

#### *Repair 80 Oil Leaks (209 Identified).*

119 total grease/oil leaks have been fixed since December 1, 1995.

#### *Repair 100 Other Liquid Leaks (263 Identified, e.g., Borated Water, Pure Water and Cooling Water).*

410 total leaks were repaired for other liquid systems (245 boron leaks and 165 water leaks).

#### *Ability to Operate VA Exhaust Fans in Each Plenum*

One VA exhaust fan is available in each plenum.

## SIGNIFICANT WORK ACTIONS STATUS AS OF APRIL 30, 1996

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### *Human Performance*

#### *Implement Corrective Actions Group*

Special Projects Group was established at the Station in January 1996. This group works with line management and provides resources for implementing corrective actions related to performance or process deficiencies identified through self assessments.

#### *Improve Utilization of the Problem Identification System*

The problem identification process was revised at Braidwood. The new process was implemented following a procedure revision (BwAP 1250-2, Revision 4). This procedure revision was approved on March 5, 1996. Two of the new features include the following.

- *Provide timely feedback to initiators of PIFs*  
One change made to the problem identification process is that timely feedback is provided to initiators of Problem Identification Forms (PIFs). Generally, feedback is given within five working days.
- *Improve trending of data to provide more meaningful information to line managers*  
Data trending has improved. A Trend Analyst was appointed in September, 1995 to identify potential trends. In addition, trends are assigned to Senior Managers for accountability and the status of trends are discussed weekly during Braidwood Leadership Meetings. There has been an increase in adverse trend identification (1994-16, 1995-22, and 1996-11 as of April 30, 1996).

#### *Continue Communication of the Site Vision Through:*

- *Reinforcement Sessions*  
Reinforcement Sessions were held on January 12 and March 15, 1996.
- *Plant Walkdowns*  
Plant Walkdowns are done by Senior Managers each Wednesday.
- *Plant Information Meetings*  
A plant information meeting was held on March 13, 1996.
- *RPM Sessions*  
Regular Planning Meetings (RPMs) are ongoing with supervisors.

#### *Improve Development of Site Personnel*

- *Produce Developmental plans for department heads.*
  - ◇ Initial 1996 Personnel Performance Reviews (PPRs), including developmental sections, have been completed.
  - ◇ Regular Planning Meetings (RPMs) are ongoing with supervisors.
  - ◇ Individuals have attended an Office of Nuclear Business Leadership (ONBL) Northwestern Leadership Program.
    - \* Fourteen individuals have completed the program.
    - \* Six people are scheduled to attend in the Fall 1996.
    - \* Approximately ten individuals are targeted to attend in 1997.

## SIGNIFICANT WORK ACTIONS STATUS AS OF APRIL 30, 1996

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### *Equipment Performance*

#### *Work Control Improvements*

- *Implement Work Week Managers*

The work week manager process was implemented in December, 1995.

- *Implement OE/Lead Unit Planner Usage--Improvement Initiatives*

Operations Unit Coordinators, previously referred to as Lead Unit Planners, were implemented in January 1996. This change improved the processes used by Operations personnel which allowed the OE's to focus more on big picture issues and less on day-to-day tasks.

#### *Material Condition Improvements*

- *Repair 2B RH Seal*

Repair work on the 2B RH seal was completed on February 3, 1996.

- *Replace 0B WS Seals*

0B WS seals were replaced. This work ended on April 26, 1996.

- *Complete U-1 Condensate/Condensate Booster Pump Refurbishments*

Refurbishments of the U-1 condensate/condensate booster pumps have been completed.

- *Refurbish 1 Aux. Building Exhaust Fan*

Work on the "B" fan is done. One fan is available in each plenum.

- *Repair Liquid System Leaks*

The following is a status of repaired liquid leaks.

- ◇ Boron leaks: 245 total repaired
- ◇ Chemical leaks: 45 total repaired
- ◇ Grease/Oil leaks: 119 total repaired
- ◇ Water leaks: 165 total repaired