

4575421

Root Cause Investigation Charter

Tritium Release from Braidwood Station with a Potential to Affect the Public

Condition Report #: 428868

Sponsoring Manager: Janice Kuczynski, Chemistry Manager

Team Investigator(s):

Names	Position	Commitment
Jason Eggart	Braidwood Chemistry Lead Investigator	Part Time
Tom Leffler	Root Cause Qualified Investigator	Full Time
Randy Kalb	Dresden Chemistry Investigator	Full Time
Kim Aleshire	Braidwood EP (ODCM) Investigator	Part Time
Glen Vickers	LaSalle RP Investigator	Full Time
Scott Kirkland	Quad Cities Investigator	Full Time
Jim Crawford	Braidwood Maintenance Investigator	Full Time
John Gumnick	Corporate RP (CHP) Investigator	Part-Time
Mike Miller	Braidwood Operations	Full-Time
Jeff Burkett	Braidwood Operations	Full-Time
Dan Stroh	Braidwood Engineering	Full-Time
Scott Sklenar	Hydrologist	Part-Time

Scope:

The scope of the root cause investigation is to determine the root cause of the Tritium releases from Braidwood Station with a potential to affect the public. The investigation will review response procedures, regulations, and environmental impacts. Specifically, the team will review the response to known spills in 1998, 2000 and similar IRs. A review of year 2000 Root Cause actions' effectiveness will be performed. Specifically, the team will look for any evidence that the actions to prevent recurrence were not effective. An E&CF Chart will be utilized for Change Analysis and Barrier Analysis. Kepner-Tregoe and Tap Root Analyses will also be utilized. To accomplish a timely report delivery, support will be required as noted above in Engineering, Hydrology, Maintenance, Operations, Off-Site Dose Assessment, and Technical Writing.

*means part 7
events.*

Interim Corrective Actions:

An Issues Management Team has been formed to manage the recovery. Additional Sampling will be performed and analyzed to fully define the affected areas. The discharge piping will be reviewed for integrity. Remediation plans will be developed and implementation initiated. Communications will be maintained with Exelon, Regulatory personnel, the public, and INPO.

D/S 3

Root Cause Report Milestones:

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|-----|---|------------|
| 1. | Event Date | (11/30/05) |
| 2. | Screening Date | (12/07/05) |
| 3. | Completion of Charter (2 Days from MRC) [-03] | (12/09/05) |
| 4. | Status Briefing for Charter [-14] | (12/14/05) |
| 5. | Two Week Update & Draft RCR for Reviews [-07] | (12/21/05) |
| 6. | MRC Update & Draft RCR for Reviews [-08] | (12/28/05) |
| 7. | CAPCo Reviews of RCR [-15] | (12/29/05) |
| 8. | Collegial Reviews of RCR [-15] | (12/29/05) |
| 9. | MRC Update & Draft RCR for Reviews [-09] | (01/04/06) |
| 10. | Sponsoring Manager Report Approval [-14] | (01/04/06) |
| 11. | Root Cause delivered to MRC | (01/06/06) |
| 12. | Review by MRC [-05] | (01/13/06) |
| 13. | Final Root Cause Investigation Due Date [-04] | (01/13/06) |

Prepared By:	Tom Leffler, Root Cause Qualified Investigator	12/09/05
	<hr/> (Name)	<hr/> (Date)

Approved By:	Janice Kuczynski, Chemistry Manager	12/09/05
	<hr/> (Sponsoring Manager)	<hr/> (Date)