

December 12, 2005

NOTE TO COMMISSIONERS' ASSISTANTS

OCM/NJD

- Rick Croteau
- Roger Davis
- Brooke Poole
- Bill Orders
- Mohammed Shuaibi
- Nancy Fragoyannis
- Pat Castleman
- Julie Olivier
- Robert McOsker
- Clare Kasputys
- Vicki Bolling
- Linda Herr
- Kia Jackson
- Susan Abrahams

OCM/EXM

- Heather Astwood
- Dave Cummings
- James Beall
- Dave Brown
- Linda Lewis
- Antoinette Waller

OCM/JSM

- Spiros Droggitis
- John Thoma
- Kate Barber Nolan
- Dave Skeen
- Lorna Kipfer
- Tojuana Fortune

OCM/GBJ

- Josh Batkin
- Angela Coggins
- Terry Reis
- Greg Hatchett
- Jackie Raines
- Carolyn Harves

OCM/PBL

- Josie Piccone
- Cathy Marco
- Doug Coe
- Rebecca Tadesse
- Vicki Ibarra
- Laurette Moorin

FROM: William M. Dean /RA/  
Assistant for Operations, OEDO

SUBJECT: INFORMATIONAL REQUEST ASSOCIATED WITH INADVERTENT LIQUID OR SOLID RADIOACTIVE RELEASES OFFSITE

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Enclosure: As stated

- cc: L. Reyes, EDO (w/o enclosure)
- M. Virgilio, DEDMRS (w/o enclosure)
- W. Kane, DEDR (w/o enclosure)
- J. Silber, DEDIA (w/o enclosure)
- W. Dean, AO (w/enclosure)
- T. Bergman, OEDO (w/o enclosure)
- P. Habighorst, OEDO (w/enclosure)
- M. Weber, NSIR (w/o enclosure)

- SECY (w/enclosure)
- OGC (w/enclosure)
- OCA (w/o enclosure)
- OPA (w/o enclosure)
- OIP (w/o enclosure)
- OIS (w/o enclosure)
- CFO (w/o enclosure)
- EDO R/F (w/enclosure)

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FOIA-2006-115

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**Region III:**

**Braidwood;** On November 30, 2005, the licensee informed the NRC Resident Inspectors of higher than expected tritium levels (~58,000 picoCuries per liter) measured in on-site monitoring wells at the northern edge of the owner controlled area. The licensee attributed the higher levels of tritium to historical vacuum breaker valve leakage in the circulating water blowdown line to the Kankakee River that occurred in 1998 and 2000. The licensee uses the blowdown line to perform liquid effluent releases to the river.

As of December 6, 2005, the licensee has detected measurable levels of tritium in offsite groundwater. Elevated levels were detected in one offsite monitoring well in a vacant development (as high as 33,700 picoCuries per liter). One nearby residential well was found to have detectable tritium (1,150 picoCuries per liter). The licensee is continuing to sample and to develop plans for remediation.

*outside scope*