

December 12, 2005

NOTE TO COMMISSIONERS' ASSISTANTS

OCM/NJD

cc Rick Croteau
cc Roger Davis
___ Brooke Poole
X Bill Orders
X 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
X James Beall
___ Dave Brown
___ Linda Lewis
___ Antoinette Waller

OCM/JSM

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

OCM/GBJ

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

OCM/PBL

___ Josie Piccone
___ Cathy Marco
X 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

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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in accordance with the Freedom of Information

Act, exemptions outside scope
FOIA-2006-115

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outside
scope

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