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From: Anne Boland
To: Stephen Klementowicz
Date: Wed, Dec 7, 2005 1:52 PM
Subject: Fwd: Radiological Release Information for Chairman's Staff

Attached is our response - as Steve Orth indicated, Stu Richards was here and we got some clarification from him on the level of issues to be developed. If you have questions, please feel free to call.

Anne T. Boland, Deputy Director
Division of Reactor Safety
NRC Region III
630-829-9701

CC: Cynthia Pederson; Geoffrey Grant; James Andersen; James Caldwell; Mark Satorius; Roger Pedersen; Steven West; Stuart Richards

Information in this record was deleted
in accordance with the Freedom of Information
Act, exemptions article 106
FOIA- 2006-115

6-56

From: Steven Orth *R3*
To: Anne Boland
Date: Wed, Dec 7, 2005 1:35 PM
Subject: Radiological Release Information for Chairman's Staff

Anne,

Attached is the list developed by Regional staff. We've excluded the minor contamination events, based on Stu Richard's guidance.

Steve

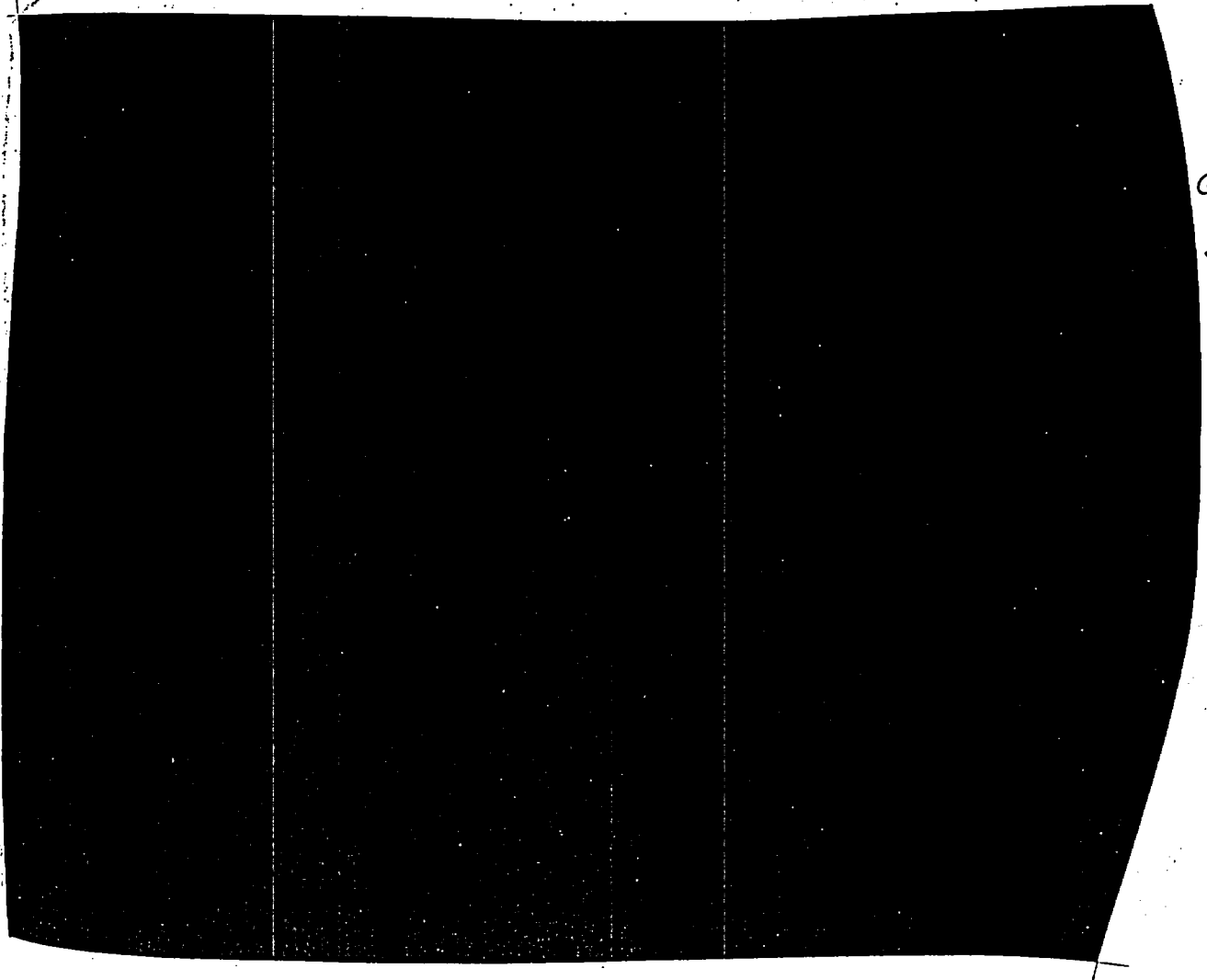
CC: Stephen Klementowicz

Inadvertent Liquid Releases

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 norther 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 Decémbér 4, 2005, the licensee has detected measurable levels of tritium in offsite groundwater. Although nearby residential wells have not shown any tritium above normal background, the licensee detected elevated levels of tritium (as high as approximately 33,700 picoCuries per liter) in monitoring wells in a vacant development immediately offsite. The licensee continues to monitor and to develop plans for remediation.



*Outside
Scope*