

## PMNorthAnna3COLNPEmails Resource

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**From:** NorthAnna3COL Resource  
**Sent:** Wednesday, September 03, 2008 8:22 AM  
**To:** PMNorthAnna3COLNPEmails Resource  
**Subject:** Hydrology Safety Audit of NAPS 3 (emails 1-5)

**From:** Tony.Banks@dom.com [mailto:Tony.Banks@dom.com]  
**Sent:** Tuesday, June 10, 2008 9:19 AM  
**To:** Christopher Cook  
**Cc:** Tony.Banks@dom.com  
**Subject:** test email 1 of 5

In discussions that were held during the April 10 and 11, 2008, Hydrology Safety Audit of NAPS 3, it was determined that the NRC's staff review would be assisted by Dominion providing clarifying information electronically or digitally. This was confirmed during a subsequent telephone call on May 22, 2008.

As discussed with Tom Kevern, NRC ESBWR and NAPS 3 Project Manager, Andrea Johnson, NRC Project Manager, and Chris Cook, NRC Hydrology Lead Reviewer, on June 9 and 10, 2008, Dominion is providing the following clarifying information:

- 1) HEC-RAS (Local PMP Drainage Analysis) input and output information used in calculation (labeled as a folder);
- 2) Site Layout and Drainage Areas (1 sheet) (labeled as Attachment 1);
- 3) HEC-RAS Cross-Section Locations (1 sheet) (labeled as Attachment 2);
- 4) HEC-RAS Input and Output Report (50 sheets) (labeled as Attachment 3); and
- 5) HEC-RAS Cross-Section Plots (17 sheets) (labeled as Attachment 4)

HEC-RAS Cross-Section Plots (17 sheets)

Separate emails are planned to be sent based on attachment file sizes. Please acknowledge receipt. Thank you -

Tony Banks  
Dominion  
ESP/COL Project  
804/273-2170

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**From:** Christopher Cook  
**Sent:** Friday, June 13, 2008 7:44 AM

**To:** Lance Vail; Charley Kincaid; Philip.Meyer@pnl.gov; cd.johnson@pnl.gov  
**Subject:** North Anna MODFLOW: email 1 of 2

All,  
MODFLOW input files per our Safety Audit April 10-11, 2008. These files pertain to FSAR 2.4.12-.13.

Regards,  
Chris

\*\*\*\*\*

Christopher B. Cook, Ph.D.  
Senior Hydrologist  
Hydrologic Engineering Branch, Office of New Reactors  
U.S. Nuclear Regulatory Commission  
Mail Stop: T-7E18  
11545 Rockville Pike, Rockville, MD 20852  
Tel: (301) 415-3244  
E-mail: [Christopher.Cook@nrc.gov](mailto:Christopher.Cook@nrc.gov)

**From:** Tony.Banks@dom.com [mailto:Tony.Banks@dom.com]  
**Sent:** Tuesday, June 10, 2008 10:19 AM  
**To:** Christopher Cook  
**Cc:** Tony.Banks@dom.com  
**Subject:** Fw: email 5 of 5

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- 2) Site Layout and Drainage Areas (1 sheet) (labeled as Attachment 1);
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HEC-RAS (Local PMP Drainage Analysis) input and output information used in calculation (provided as folder contents-21 files)

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**From:** Tony.Banks@dom.com [mailto:Tony.Banks@dom.com]  
**Sent:** Tuesday, June 10, 2008 9:55 AM  
**To:** Christopher Cook  
**Cc:** Tony.Banks@dom.com  
**Subject:** Fw: email 3 of 5

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- 5) HEC-RAS Cross-Section Plots (17 sheets) (labeled as Attachment 4)

HEC-RAS Cross-Section Locations (1 sheet) (labeled as Attachment 2)

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**From:** Tony.Banks@dom.com [mailto:Tony.Banks@dom.com]  
**Sent:** Tuesday, June 10, 2008 9:39 AM  
**To:** Christopher Cook  
**Cc:** Tony.Banks@dom.com  
**Subject:** email 2 of 5

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Site Layout and Drainage Areas (1 sheet) (labeled as Attachment 1)

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**Hearing Identifier:** NorthAnna3\_NonPublic\_EX  
**Email Number:** 412

**Mail Envelope Properties** (21707AE0BEC04F4BB5502E2483D69D6A19FF8FDF9B)

**Subject:** Hydrology Safety Audit of NAPS 3 (emails 1-5)  
**Sent Date:** 9/3/2008 8:22:12 AM  
**Received Date:** 9/3/2008 8:22:13 AM  
**From:** NorthAnna3COL Resource

**Created By:** NorthAnna3COL.Resource@nrc.gov

**Recipients:**  
"PMNorthAnna3COLNPEmails Resource" <PMNorthAnna3COLNPEmails.Resource@nrc.gov>  
Tracking Status: None

**Post Office:** HQCLSTR02.nrc.gov

<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>
MESSAGE	9494	9/3/2008 8:22:13 AM

**Options**  
**Priority:** Standard  
**Return Notification:** No  
**Reply Requested:** Yes  
**Sensitivity:** Normal  
**Expiration Date:**  
**Recipients Received:**