FOIA/PA NO: 2015-0176

GROUP: B

RECORDS BEING RELEASED IN-PART

The following types of information are being withheld:

Ex. 1: ☐ Records properly classified pursuant to Executive Order 13526
Ex. 2: ☐ Records regarding personnel rules and/or human capital administration
Ex. 3: ☐ Information about the design, manufacture, or utilization of nuclear weapons
☐ Information about the protection or security of reactors and nuclear materials
☐ Contractor proposals not incorporated into a final contract with the NRC
☐ Other_____
Ex. 4: ☐ Proprietary information provided by a submitter to the NRC
☐ Other_____
Ex. 5: ☐ Draft documents or other pre-decisional deliberative documents (D.P. Privilege)
☐ Records prepared by counsel in anticipation of litigation (A.W.P. Privilege)
☐ Privileged communications between counsel and a client (A.C. Privilege)
☐ Other_____
Ex. 6: ☐ Agency employee PII, including SSN, contact information, birthdates, etc.
☐ Third party PII, including names, phone numbers, or other personal information
Ex. 7(A): ☐ Copies of ongoing investigation case files, exhibits, notes, ROI's, etc.
☐ Records that reference or are related to a separate ongoing investigation(s)
Ex. 7(C): ☐ Special Agent or other law enforcement PII
☐ PII of third parties referenced in records compiled for law enforcement purposes
Ex. 7(D): ☐ Witnesses' and Allegers' PII in law enforcement records
☐ Confidential Informant or law enforcement information provided by other entity
Ex. 7(E): ☐ Law Enforcement Technique/Procedure used for criminal investigations
☐ Technique or procedure used for security or prevention of criminal activity
Ex. 7(F): ☑ Information that could aid a terrorist or compromise security

Krohn, Paul

From:	Ennis, Rick
Sent:	Tuesday, February 03, 2015 8:47 AM
To:	Krohn, Paul; Setzer, Thomas; Lorson, Raymond; Trapp, James
Cc:	McCarver, Sammy; Dimitriadis, Anthony; Burritt, Arthur; Stewart, Scott; Newman, Garrett; Patel, Ami; Tammara, Seshagiri; McCoppin, Michael; Pickett, Douglas
Subject:	RE: OUO - SENSITIVE SECURITY-RELATED INFORMATION - Follow-up to IPEC Gas Pipeline Question after Receipt of Accufacts Report for Town of Cortlandt, NY

Please remove me from cc on these emails. Doug Pickett is the Indian Point PM.

From: Krohn, Paul
Sent: Tuesday, February 03, 2015 8:39 AM
To: Setzer, Thomas; Lorson, Raymond; Trapp, James
Cc: McCarver, Sammy; Dimitriadis, Anthony; Burritt, Arthur; Stewart, Scott; Newman, Garrett; Patel, Ami; Tammara, Seshagiri; McCoppin, Michael; Ennis, Rick
Subject: RE: OUO - SENSITIVE SECURITY-RELATED INFORMATION - Follow-up to IPEC Gas Pipeline Question after Receipt of Accufacts Report for Town of Cortlandt, NY

Tom,

The Accufacts document you attached is the same one I reviewed. Good to see that all the material has been included in the 2.206 process.

Paul

From: Setzer, Thomas
Sent: Tuesday, February 03, 2015 8:25 AM
To: Krohn, Paul; Lorson, Raymond; Trapp, James
Cc: McCarver, Sammy; Dimitriadis, Anthony; Burritt, Arthur; Stewart, Scott; Newman, Garrett; Patel, Ami; Tammara, Seshagiri; McCoppin, Michael; Ennis, Rick
Subject: RE: OUO - SENSITIVE SECURITY-RELATED INFORMATION - Follow-up to IPEC Gas Pipeline Question after Receipt of Accufacts Report for Town of Cortlandt, NY

Paul – you asked in your email below if the Accufacts report was included in the 2.206 deliberations. Attached is what was provided as a supplement 1 and 2 to Mr. Blanch's 2.206. It is an Accufacts document but Im not sure if it's the same as what you reviewed. I also included the 2.206 in the attachment.

TOM

From: Krohn, Paul
Sent: Monday, February 02, 2015 2:30 PM
To: Lorson, Raymond; Trapp, James
Cc: McCarver, Sammy; Dimitriadis, Anthony; Burritt, Arthur; Setzer, Thomas; Stewart, Scott; Newman, Garrett; Patel, Ami; Tammara, Seshagiri; McCoppin, Michael; Ennis, Rick
Subject: OUO - SENSITIVE SECURITY-RELATED INFORMATION - Follow-up to IPEC Gas Pipeline Question after Receipt of Accufacts Report for Town of Cortlandt, NY

Ray and Jim,

b-1

Regarding the IPEC gas pipeline, you recently placed a copy of an Accufacts report on my desk with the question of whether anything in the report would change the conclusions of Sammy's inspection, our inspection feeder, the 3rd qtr IPEC integrated inspection report, or the agency's conclusions. The short answer is, "No."

I read the Accufacts report, re-read Rao's OUO analysis, re-read portions of Entergy's safety eval, and talked to Rao via phone on 2/2/15. Section 4 of the Accufacts report discusses the time to isolate the pipeline following a break. The Entergy safety eval assumes 3 minutes (i.e., 1 minute to detect in alarm center, 1 minute to stroke valves closed, and 1 minute margin). The author of the Accufacts reports asserts that 3 minutes to isolate the pipeline this is very non-conservative.

I talked to Rao about the relevance of the 3 minutes to isolate the gas line and the effect of the isolation time on the analysis results. Bottom-line - the additional effect of an infinite gas source (where the isolation valves never shut) is minimal, and the agency's conclusions do not change.

Basis - Rao ran some sensitivity studies and test cases for the infinite source. In the infinite source case, the 1 psig pressure wave was not exceeded for safety related SSCs in the security owner controlled area.

(b)(5),(b)(7)(F)

In summary, when comparing a 3 minute valve isolation time with an infinite source of gas, the thermal radiation level is relatively constant and the criteria for peak pressure (1 psig) is still met.

Rao and Mike – please let me know if I got any of the above narrative wrong or missed some key concepts. Also, is the Accufacts report included in the current 2.206 petition deliberations? Does the Accufacts report and the 2.206 petition taken collectively pose any new questions we have not yet considered or answered?

Paul