

Group   A  

FOIA/PA NO:   2015-0062  

## 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

Other/Comments: \_\_\_\_\_  
\_\_\_\_\_

**Safety Review and Confirmatory Analysis**

**Entergy's 10 CFR 50.59 Safety Evaluation**

**Algonquin Incremental Market (AIM) Project**

**Indian Point Energy Center (IPEC)**

**Introduction**

Algonquin Gas Transmission, LLC (Algonquin) proposes an installation of new 42-inch diameter pipeline near the southern boundary of IPEC for the transport of natural gas as part of the AIM Project, to replace the existing 26-inch pipeline in vicinity of IPEC, which will remain in place but idled. Entergy prepared a 10 CFR 50.59 Safety Evaluation (Reference 1) related to the proposed AIM Project with an enclosure "Hazards Analysis" (Reference 2). The 10 CFR 50.59 safety evaluation and enclosure covered the consequences of a postulated fire and explosion following release of natural gas from the proposed new (southern route) AIM Project 42-inch pipeline south of IPEC and determined exposure rates associated with failure of that proposed 42-inch natural gas pipeline. Based on the hazards analysis and also accounting for the pipeline design and installation enhancements, Entergy has concluded that the proposed AIM Project poses no increased risks to IPEC and there is no significant reduction in the margin of safety. Therefore, Entergy further concluded that the change in the design basis external hazards analysis associated with the proposed AIM Project does not require prior NRC approval.

The NRO/DSEA/RPAC Staff at NRC Headquarters has reviewed Entergy's hazards analysis that supports the 10 CFR 50.59 Safety Evaluation related to the AIM Project, by performing independent confirmatory calculations to determine whether or not the licensee's conclusion is reasonable and acceptable, and also to ascertain that there is adequate reasonable assurance of safe operation of the plant or safe shutdown of the plant.

**Summary of Evaluation**

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**Technical Evaluation**

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~~SENSITIVE - SECURITY RELATED INFORMATION~~

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**REFERENCES**

1. Entergy, "10 CFR 50.59 Safety Evaluation and Supporting Analyses Prepared in Response to the Algonquin Incremental Market Natural Gas Project Indian Point Nuclear Generating Units Nos. 2 & 3," NL-14-106, August 21, 2014. ML14245A110.

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