An Engineering Symposium: Co-Locating Nuclear Power Plants and Natural Gas Pipelines

Calculating the risks of installing and operating a high pressure natural gas pipeline in close proximity to an aging nuclear power plant is a complex and multi-faceted undertaking.

Intense political pressure has been building around the Indian Point nuclear power plant, located in Buchanan, New York, just north of New York City, where a new 42-inch 850 psi gas pipeline is being installed within 105 feet of critical emergency structures vital to the safe operation of the power plant.

So what are the actual risks, and how do we measure them and calculate the impacts of such a project? What is the probability, including various failure modes, of a gas line rupture as well as the types and scale of the resulting explosions from a rupture?

Paul Blanch, PE, with over 50 years of nuclear engineering experience will discuss his ongoing communications with the Nuclear Regulatory Commission and his concerns about the Indian Point situation.

Thursday, December 15, 2016
2 pm to 4:30 pm
CBIS Auditorium • Rensselaer Polytechnic Institute
110 8th Street • Troy, NY 12180

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