

From: Distel, David J:(GenCo-Nuc)
To: [Gibson, Lauren](#)
Cc: [Wrobel, George:\(GenCo-Nuc\)](#); [Joe Bellini](#); [Lanka, Bradley Franklin F:\(GenCo-Nuc\)](#)
Subject: [External_Sender] FW: Proposed NRC RAI responses
Date: Tuesday, January 23, 2018 1:20:56 PM
Attachments: [Scanned from a Xerox Multifunction Printer.pdf](#)
[img-119113951-0001.pdf](#)
[Scanned from a Xerox Multifunction Printer.pdf](#)

Lauren – Ginna Site Engineering provided the responses below as a follow up to the Ginna Flooding FE audit review call held on 1/17/18.

Please let me know if any additional information is needed.

Thanks.
Dave Distel

RAI 1 : Please provide details regarding the location and type of doors used as flood barriers in the Diesel generator Building and the Battery/Air Handling Rooms.

Response : see attached sketch 1

RAI 2 : Please address dynamic effects on the Diesel Generator and Battery Room/Air Handling Room doors, in accordance with NEI 16-05, section B.2.2.2

Response : As you can see from this velocity/vector figure from our flooding analysis, img-119113951-0001, the flow rate at the north face of the DG Building is away from the doors. The battery room, air handling room, and south facing doors in the DG rooms are inside the Turbine Building, where the water is stagnant. These doors, therefore, are not subject to any dynamic effects.

RAI 3 : Is closing the cam locks on the DG Building doors time-critical actions ?

Response : Engaging the door seal cam locks are not time-critical actions. Per ER-SC.2, these cam locks are engaged when entering Protection Level 1 or 2, which occurs long before the precipitation begins. The large DG doors' cam locks are always engaged .Three of the 8 cam locks on the personnel doors are not engaged. Also, for a Flood, only the "B" EDG is credited, so only 3 door cam locks need to be maneuvered, a very short duration action. See attached excerpts from ER-SC.2.

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