

PMLevyCOLPEm Resource

From: Habib, Donald
Sent: Wednesday, January 20, 2016 1:18 PM
To: Bob Kitchen (Robert.Kitchen@duke-energy.com)
Cc: Pohida, Marie; Patterson, Malcolm
Subject: Question on Flux Doubling Logic Departure

Bob –

Below is a question from the staff regarding the Flux Doubling Logic departure that we would like to discuss at a public teleconference.

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10CFR 52.79(d)(1) says “. . . the plant-specific PRA information . . . must be updated to account for site-specific design information and any design changes or departures.” The P-8 permissive is a new function and a departure from the certified design. It prevents a boron dilution event if the flux doubling logic is blocked below the P-8 setpoint.

The staff understands that this new function is not required to mitigate any design basis event. However, the function must be evaluated for risk significance and appropriate treatment (e.g., RTNSS). It may affect the plant-specific PRA and may need to be added to the applicant’s reliability assurance program.

Describe the risk significance of this new function and document any changes to risk insights that may be appropriate. Explain whether the function needs to be addressed under RTNSS or included in the reliability assurance program.

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Created By: Donald.Habib@nrc.gov

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Tracking Status: None

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