NRR-DMPSPEm Resource

From:	Poole, Justin
Sent:	Thursday, November 29, 2018 3:18 PM
To:	Catron, Steve
Cc:	Wittick, Brian; Lehman, Bryce; Hoang, Dan; Smith, Stephen
Subject:	Supplement to NextEra GL 2004-02 Audit Plan

Mr. Catron,

On November 26, 2018 (Agencywide Document Access and Management System (ADAMS) Accession No. ML18331A033), the NRC staff sent you an audit plan in support of our review of NextEra's closeout letters regarding Generic Letter 2004-02. As a supplement to the previously mentioned audit plan, the NRC staff askes that the following information be provided, in advance of the audit, on a secure portal for staff review. The review of this information will help the NRC staff determine whether further discussion on these topics is required.

If you have any questions, please contact me.

Thanks.

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St. Lucie:

1. The discussion for Unit 1 notes the strainers are designed to withstand a crush pressure of 20 psi. What is the crush pressure for Unit 2?
2. On page E1-179 there is an explanation of the design codes used. Does this apply to Unit 1 or just Unit 2? If the discussion only applies to Unit 2, please provide a similar level of detail for Unit 1 (e.g., code editions, specific criteria based on component).
    a. In Table 3.k.2-1, the interaction ratio for the composite plate is identified as 1.0. Explain how this was calculated and why the composite plate is acceptable.

Turkey Point:

1. In the response to 3.k.3, (for both units) it states that according to the evaluation, there are no jet impingement or pipe whip concerns for the new strainer equipment. Provide a more detailed summary of the evaluation for the staff to review.

Point Beach:

1. Provide the design crush pressure for the strainer for both units.

Seabrook:

1. Table 3.k.2-1 includes "Connector Plate Bolting" with an interaction ratio of 1.0. Explain how this was calculated and why it is acceptable.
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2. Provide the maximum differential (crush) pressure for the strainer. If there are different values for the R-I and R-II analyses, please provide both values. If the value used in the structural evaluation is different from the design maximum differential pressure based on strainer testing, provide the structural design maximum differential pressure.
3. Provide a more detailed discussion of the pipe whip analysis. Include discussions of whether the accumulator skirt or scupper interceptors are in the path of a postulated pipe whip or jet spray.

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