

From: Bhalchandra Vaidya
Sent: Friday, April 17, 2009 11:41 AM
To: 'dlfilchner@pplweb.com'; 'O'Rourke, Brenda W'
Cc: 'ckhoffman@pplweb.com'
Subject: Susquehanna, TAC Nos. ME0969 & ME0970, Supplemental Information required - LAR for One-Time Extension of AOT (T-20 Transformer)

During the acceptance review in accordance with LIC-109, PRA Licensing Branch (APLA) has identified the following deficiencies in your LAR. Please contact me, if you need a tele-conference to discuss these.

I will follow-up this e-mail with the supplemental information letter when I get the findings from other Reviewer(s).

Specific PRA-related Deficiencies:

1) RG 1.200 is referenced by the licensee with regard to the technical adequacy of the its PRA models. For its internal events analysis, the licensee has properly identified peer review results and disposition of open significant findings for this application, and a ASME standard evaluation and disposition of open significant findings. However, the submittal does not provide, as specifically required by RG 1.200 Section 4.2, any discussion as to which elements of the ASME standard are relevant to this application, what capability category is required for each of those relevant elements, and what capability category is achieved by their baseline PRA model.

2) Unlike the cited precedent licensing action from 2003, a quantitative risk analysis of fire events has been provided to support this application. The submittal does not provide any information of the quality or technical adequacy of the fire analysis used to develop the fire PRA results, other than to identify that it is based on unit 1, only credits manual suppression, and assumes all equipment in a zone is damaged if not suppressed. There is insufficient information for the staff to make a determination that the risk results for fire are based on a technically adequate, comprehensive, current PRA model. RG 1.200 Section 1.2.4 and Table 3 identify the technical attributes applicable to fire PRA models used to support applications.

3) RG 1.200 Section 4.2 requires identification and justification of any permanent plant changes not yet incorporated into the PRA model to assure the PRA represents the as-built and operated plant to support the application. The submittal does not provide any discussion of this aspect of the PRA model.

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E-mail Properties

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Subject: Susquehanna, TAC Nos. ME0969 & ME0970, Supplemental Information required - LAR for One-Time Extension of AOT (T-20 Transformer)

Sent Date: 04/17/2009 11:30:09 AM

Received Date: 04/17/2009 11:41:00 AM

From: Bhalchandra Vaidya

Created By: Bhalchandra.Vaidya@nrc.gov

Recipients:

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Tracking Status: None

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Tracking Status: None

ckhoffman@pplweb.com ('ckhoffman@pplweb.com')

Tracking Status: None

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MESSAGE	13106	04/17/2009

Options

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Priority: olImportanceNormal

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