

BellBendCOLPEm Resource

From: Canova, Michael
Sent: Thursday, April 29, 2010 1:19 PM
To: 'Sgarro, Rocco R'; 'BBNPP@pplweb.com'; 'Freels, James'; 'melanie.Frailer@unistarnuclear.com'
Cc: BellBendCOL Resource; Colaccino, Joseph; Hearn, Peter; Jackson, Christopher; Haider, Syed; Snodderly, Michael
Subject: Bell Bend COLA - Request for Information - Final Letter No. 73 (RAI No. 73) - SPCV - 3631
Attachments: Final RAI Letter 73 - SPCV 3631.doc

Attached is RAI No. [73](#) for the Bell Bend COL Application. Based [our discussion today](#), we understand you have no [further](#) questions on this RAI. You are requested to respond to this request [within 30 days](#). If additional time is required to respond, please inform me of your proposed schedule to respond at your earliest opportunity.

If you have any questions, please contact me.

Michael A. Canova

Project Manager - Bell Bend COL Application
Docket 52-039
EPR Project Branch
Division of New Reactor Licensing
Office of New Reactors
301-415-0737

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From: Canova, Michael

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Request for Additional Information No. 73
Application Revision 1

6/24/2011

Bell Bend
PPL Bell Bend LLC.
Docket No. 52-039

SRP Section: 09.04.05 - Engineered Safety Feature Ventilation System
Application Section: 9.4.15 ESWEMS Pumphouse HVAC System

QUESTIONS for Containment and Ventilation Branch 1 (AP1000/EPR Projects) (SPCV)

09.04.05-3

RAI 9.4.15-4: Meeting the Station Blackout Rule

The Station Blackout Rule, 10 CFR 50.63, is listed in the standard review plan as one of the requirements that apply to the ESW ventilation systems. However, the application does not discuss the compliance with this requirement. Although the ESW make-up pumps are not needed to cope with a station blackout, it has not been demonstrated that the ventilation is not needed. Because the ESW make-up pumps are needed following a station blackout the pump house temperatures need to be maintained such that the necessary equipment will not be disabled. It appears the temperature in the pump house needs to be controlled during a blackout because the safety related equipment is needed after the station blackout.

Demonstrate that there is no temperature excursion in the pump house during a blackout that challenges safety equipment (freezes piping or other equipment) or confirm that the ventilation systems are powered with alternate AC power. Include a short description of compliance with the requirement in the FSAR.