

## **PMBelCOL NPEmails**

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**From:** Mark Tonacci  
**Sent:** Thursday, March 12, 2009 11:42 AM  
**To:** 'erg-xl@cox.net'  
**Cc:** BelCol Resource; Joseph Sebrosky; Stephanie Coffin; Tanya Simms  
**Subject:** Bellefonte Electrical Question Status.xls  
**Attachments:** Bellefonte Electrical Question Status.xls

Eddie,

Please find attached the list of RAIs that are open issues for the Bellefonte RCOL in the electrical off-site power area and most are generic in that they affect multiple applications. The attachment shows the current status of the RAIs. Can you please look this over and give me the DCWG perspective as to which issues need to be escalated for resolution?

The next steps are for us to agree on the list, and then to have a telephone call to sharpen the focus on the areas that need attention within the RAIs. With a bit of luck and skill, we may be able to close one or two issues. Please call me when you get this so we can discuss.

Mark

**Hearing Identifier:** Bellefonte\_COL\_NonPublic\_EX  
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**Subject:** Bellefonte Electrical Question Status.xls  
**Sent Date:** 3/12/2009 11:41:48 AM  
**Received Date:** 3/12/2009 11:41:48 AM  
**From:** Mark Tonacci

**Created By:** Mark.Tonacci@nrc.gov

**Recipients:**

"BelCol Resource" <BelCol.Resource@nrc.gov>  
Tracking Status: None  
"Joseph Sebrosky" <Joseph.Sebrosky@nrc.gov>  
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"Stephanie Coffin" <Stephanie.Coffin@nrc.gov>  
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Tracking Status: None

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Bellefonte Electrical Question Status.xls		37810

**Options**

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Bellefonte RAIs	RAI Type	Status	Question	RAI #	Question #	RAI Issue	Response Assessment No.	Acceptance Criteria	Comments	Issue
<u>Bellefonte Units 3 and 4 - 08.01 - Electric Power - Introduction - Question 447</u>	Std. Design	Question Closed/Issue Unresolved	08.01-2	<u>175</u>	447	6/24/2008	ML081780173	SRP Section 8.1	<b>Staff believes this needs escalation for resolution.</b>	Station Black Out; 50.63
<u>Bellefonte Units 3 and 4 - 08.02 - Offsite Power System - Question 436</u>	Application Specific	Question Closed/Issue Unresolved	08.02-1	<u>177</u>	436	7/9/2008	ML081960725	GDC 17	<b>Staff believes this should be escalated.</b>	Impact of voltage drop on aux pwr eqmt including battery chargers and UPS.
<u>Bellefonte Units 3 and 4 - 08.02 - Offsite Power System - Question 439</u>	Application Specific	Question Closed/Issue Unresolved	08.02-2	<u>177</u>	439	7/9/2008	ML081960725	GDC 17	RAI 2108 written as supplemental RAI.	Switchyard conformance to GDC 2, 4, 5, 17, 18
<u>Bellefonte Units 3 and 4 - 08.02 - Offsite Power System - Question 440</u>	Application Specific	Question Closed/Issue Unresolved	08.02-3	<u>177</u>	440	7/9/2008	ML081960725	GDC 17	<b>Good response but not complete. Need to write supplemental RAI. Staff does not believe escalation needed.</b>	Switchyard power compliance to GDC 17, voltage and frequency variations.
<u>Bellefonte Units 3 and 4 - 08.02 - Offsite Power System - Question 444</u>	Application Specific	Confirmatory Action NRC	08.02-7	<u>177</u>	444	7/9/2008	ML081960725	GDC 17	EEB Needs to review Bellefonte SAR R1 and say if issue is closed.	Grid stability analysis
<u>Bellefonte Units 3 and 4 - 08.02 - Offsite Power System - Question 5774</u>	Std. Design	Confirmatory Action Applicant	08.03.01-1	<u>1575</u>	5774	1/2/2009	ML090080183	GDC 18	RAI response to be incorporated into COLA with next update.	Periodic testing of electrical penetration protective devices.
<u>Bellefonte Units 3 and 4 - 08.02 - Offsite Power System - Question 8486</u>	Application Specific	Issued/Open Action Applicant	08.02-10	<u>2108</u>	8486	3/11/2011		GDC-5, 17, 18 and 10 CFR 50.65	<b>Supplemental to RAI 177, Q439, 8.02-2. Staff believes this needs escalation.</b>	GDC 5, 17, 18 and 50.65 (Snow/ice/missiles on transmission lines; auto/man transfer testing; maintenance rule; sharing of switchyard)
<u>Bellefonte Units 3 and 4 - 08.03.01 - AC Power Systems (Onsite) - Question 7635</u>	Std. Design	Issued/Open Action Applicant	08.03.01-2	<u>1934</u>	7635	~3/3/09		GDC -17	<b>Awaiting applicant response - may not need escalation. Also, staff sked applicant to include response to deleted RAI 2175 - never formally sent.</b>	EDG preop testing and PM program.
<u>Bellefonte Units 3 and 4 - 08.02 - Offsite Power System - Question 5777</u>	Application Specific	Confirmatory Action NRC	08.02-9	<u>1579</u>	5777	12/19/2008	ML083590299	GDC 17	Site Specific.	Off site power vulnerability during adverse weather.
<u>Bellefonte Units 3 and 4 - 14.03 - Inspections, Tests, Analyses, and Acceptance Criteria - Question 430</u>	Std. Design	Question Closed/Issue Unresolved	14.03-1	<u>171</u>	430	6/24/2008	ML081780172	14.03 ITAAC	<b>Needs escalation.</b>	ITAAC for switchyard interface requirements.

Greyed out questions will not be escalated for resolution.