

## PMFermiCOLPEm Resource

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**From:** Hale, Jerry  
**Sent:** Tuesday, September 08, 2009 9:04 AM  
**To:** Tonacci, Mark; Harvey, Brad  
**Cc:** FermiCOL Resource; Chang, Youngsoo; Lauron, Carolyn; Samaddar, Sujit  
**Subject:** RE: Fermi 3 Cooling Tower Move - Acceptance Review

Mark,

I'll work with DTE to set up the conference call. Are there any other issues related to the cooling tower move that should be included in the call?

JRH

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**From:** Tonacci, Mark  
**Sent:** Tuesday, September 08, 2009 8:50 AM  
**To:** Harvey, Brad; Hale, Jerry  
**Cc:** FermiCOL Resource; Chang, Youngsoo; Lauron, Carolyn; Samaddar, Sujit  
**Subject:** RE: Fermi 3 Cooling Tower Move - Acceptance Review

Brad,

Thank you for taking your time to do this review and for your response. I will take this as acceptance of the cooling tower package. Your comments on tower wake are good and I agree we should discuss with Fermi.

Jerry,

Can you set up a call to discuss the topic below please?

Mark

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**From:** Harvey, Brad  
**Sent:** Thursday, September 03, 2009 5:19 PM  
**To:** Tonacci, Mark  
**Cc:** FermiCOL Resource; Chang, Youngsoo; Lauron, Carolyn; Samaddar, Sujit  
**Subject:** RE: Fermi 3 Cooling Tower Move - Acceptance Review

Mark:

Per your request, I've completed a mini-acceptance review. The proposed change might result in a couple of RAIs, but I'm so far behind in my review that I don't think it will impact my schedule significantly.

I would recommend having a discussion with the applicant sooner than later regarding the applicant's interpretation of the length of the NDCT's downwind wake zone. The applicant states that it estimates the downwind wake zone to be approximately 5 times the width of the tower at the top of the structure, whereas the staff believes the downwind wake zone to be approximately 5 times the maximum width of the tower (see p. 2-59 of the SER for the Vogtle ESP, NUREG-1923). The staff's interpretation could potentially impact the applicant's decision as to where to relocate the meteorological tower.

Please let me know if you have any questions.

Brad  
415-4118

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**From:** Tonacci, Mark

**Sent:** Thursday, August 27, 2009 10:17 AM

**To:** Caverly, Jill; McBride, Mark; Jones, Henry; Schrader, Eric; Cicotte, George; Hinson, Charles; Harvey, Brad; Sisk, David; Bauer, Laurel; Plaza-Toledo, Meralis; Pal, Amar; Radlinski, Robert; Vettori, Robert; Reddy, Devender

**Cc:** Hale, Jerry; Berrios, Ilka; Smith, Will; Lemont, Stephen; Prescott, Peter; Raione, Richard; Barss, Dan; Frye, Timothy; Munson, Clifford; Karas, Rebecca; Jenkins, Ronaldo; Segala, John; Lauron, Carolyn; Bagchi, Goutam; Budzynski, John; Candra, Hernando; Cicotte, George; Curran, Gordon; Deschaine, Wesley; Dorn, Jaclyn; Downey, Steven; Eagle, Eugene; Fuller, Edward; Georgiev, George; Gilanshahi, Nikki; Gilmer, James; Gordon, Dennis; Haider, Syed; Harris, Paul; Hilsmeier, Todd; Hinson, Charles; Jeng, David; Kellum, Jim; Lai, John; Lee, Jay; Li, Chang; Li, Yong; Lintz, Mark; Lipscomb, George; Makar, Gregory; Morgan, Michael; Pelton, David; Pohida, Marie; Rivera-Varona, Aida; Rodriguez, Ricardo; Sastre, Eduardo; Sinks, Donna; Steingass, Timothy; Szabo, Aaron; Tammara, Seshagiri; Thomas, George; Tonacci, Mark; Wang, Weidong; Williams, Stephen; Wilson, Joshua; Xi, Zuhan; Xu, Jim

**Subject:** Fermi 3 Cooling Tower Move - Acceptance Review

To All Reviewers,

I would like to have a mini-acceptance review of the change to the Fermi 3 COLA to relocate the large natural draft cooling tower. The submittal is attached and is also available on the Fermi SharePoint site. Except for maybe hydrology, this is not a big change and I have sent out several emails and we have had telecons with DTE about this change. It should not be a surprise to anyone. This letter also contains commitments to provide the meteorological monitoring tower portion of the change in November; however, the submittal includes much of the Ch 2.3 mark-ups.

The reason for doing a mini-acceptance is to ensure you have all the info you need. If things are missing, I want to get that corrected before you start digging in and wasting your time. I understand that this may result in additional RAIs for areas you have already reviewed in a few cases - that resource and schedule impact needs to be communicated to me.

For those reviewers that this email is "To", please provide feedback to me via email by the end of next week. I would like you to assess if the submittal is complete, if it results in a schedule impact, and if it impacts your resources. If this request presents a problem for you, let me know so we can work it out together. For everyone else that is copied, this email is for your information in case I missed something that you should be involved with.

Mark Tonacci  
Senior Project Manager  
Division of New Reactor Licensing  
ESBWR/ABWR Licensing Branch  
301-415-4045

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**Received Date:** 9/8/2009 9:03:38 AM  
**From:** Hale, Jerry

**Created By:** Jerry.Hale@nrc.gov

**Recipients:**

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Tracking Status: None  
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Tracking Status: None  
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Tracking Status: None  
"Samaddar, Sujit" <Sujit.Samaddar@nrc.gov>  
Tracking Status: None  
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Tracking Status: None  
"Harvey, Brad" <Brad.Harvey@nrc.gov>  
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