

**Franke, Mark**

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**From:** Franke, Mark *rt*  
**Sent:** Friday, October 09, 2009 8:55 AM  
**To:** R2DRS\_EB3  
**Subject:** FW: Talking Points for Crystal River Issue  
**Attachments:** CR RB Summary Points.doc

fyi

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**From:** Sykes, Marvin *rt*  
**Sent:** Friday, October 09, 2009 8:23 AM  
**To:** Hiland, Patrick; Skeen, David; Grobe, Jack; Franke, Mark  
**Subject:** FW: Talking Points for Crystal River Issue

Gentlemen,  
Meena requested that I forward copies of the attached talking points. If you have questions, please feel free to call Mark Franke, Chief - Engineering Branch 3 or me a call if you have questions. Mark can be reached at (404) 562-6349 (ofc) or (404) 354-6722 (cell).

Marvin Sykes, Chief  
Reactor Projects Branch 3  
(404) 562-4629 (ofc)  
(b)(6) (cell) *syke*

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**From:** Sykes, Marvin *rt*  
**Sent:** Friday, October 09, 2009 7:23 AM  
**To:** Khanna, Meena; Boyce, Tom (NRR); Paige, Jason; Diaz-Toro, Diana  
**Subject:** FW: Talking Points for Crystal River Issue

The talking points are attached. I apologize the error.

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**From:** Ledford, Joey *rt*  
**Sent:** Thursday, October 08, 2009 4:07 PM  
**To:** Sykes, Marvin  
**Subject:** FW: Talking Points for Crystal River Issue

Looks like I was mistaken... Now you have the final version.

**Joey Ledford**  
**Public Affairs Officer**  
**Region II**  
**U.S. Nuclear Regulatory Commission**  
**O: 404.562.4416**  
**C:** (b)(6) *syke*

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**From:** Hannah, Roger *rt*  
**Sent:** Thursday, October 08, 2009 4:00 PM  
**To:** Reyes, Luis; McCree, Victor; Wert, Leonard; Munday, Joel; Kennedy, Kriss; Christensen, Harold; Plisco, Loren  
**Cc:** Brenner, Eliot; Hayden, Elizabeth; Harrington, Holly; Burnell, Scott; Screnci, Diane; Dricks, Victor; Mitlyng, Viktoria; Sheehan, Neil; Chandrathil, Prema; Ledford, Joey  
**Subject:** Talking Points for Crystal River Issue

Information in this record was deleted in accordance with the Freedom of Information Act.  
Exemptions 6  
FOIAPA 290-0116

Attached...

**Roger Hannah, APR**  
*Senior Public Affairs Officer, Region II*  
*US Nuclear Regulatory Commission*  
404-562-4417

SIT Notes  
November 20 Public Meeting with Progress Energy  
Crystal River Containment Issues

Talking Points:

The issue was identified on October 3. The NRC began a Special Inspection on October 13, and it is ongoing.

The purpose of the Special Inspection is to help the NRC better understand the issue and to independently assess Progress Energy's actions to address it.

Special Inspection Team includes 4 NRC inspectors and one contractor from Oak Ridge National Labs to provide added expertise and an outside look. All are degreed engineers (Civil and Mechanical).

- 4 have Professional Engineering licenses
- 2 have PhDs in Civil or Mechanical Engineering
- 75 years combined experience in applying concrete technology to nuclear applications
- 40 years combined experience in applying federal regulatory requirements to concrete containments

The Special Inspection Team has the full support of the agency, and added technical resources as needed, to complete its objectives.

When the inspection is completed, the team plans to discuss the results at a public exit meeting in Crystal River, Florida.

Additional Team information:

Team Members:

Louis Lake (Team Lead)	RII DRS, EB3	Mechanical
Robert Carrion	RII DRS, EB3	Civil, PE
Anthony Masters	RII CCI, CIB2	Civil, PE
George Thomas	NRR ADES, EMCB	Civil and Mechanical, PhD and PE
Dan Naus	Oak Ridge National Labs	Civil and Mechanical, PhD and PE

Contractor Bio (Dan Naus):

BS - Civil Engineering, University of Illinois  
MS, PhD - Theoretical and Applied Mechanics, University of Illinois

5 years with Corps of Engineers in Champaign, Illinois working on concretes and specialty concretes for infrastructure applications.

35 years at Oak Ridge National Laboratory primarily applying concrete technology to nuclear applications (high-temperature gas-cooled and LWR applications) in several areas: material properties and behavior (concrete, steel reinforcement, tendons, and liners), inspection methods, condition assessment, service life, and repair.

SIT Charter Status:

1. Develop a complete description of the problems and circumstances surrounding the gap in the containment building.  
**Complete.**
2. Verify that the licensee has appropriately evaluated Operability and Reportability.  
**No issues to date. Licensee needs to complete root cause, design analysis and past operability review.**
3. Review structural integrity testing data of the containment.  
**Complete.**
4. Assess the adequacy of the licensee's maintenance and inspection programs related to this event.  
**Complete.**
5. Assess the licensee's activities related to the problem investigation (e.g., root cause analysis, extent of condition, etc).  
**No issues to date. Licensee expects root cause evaluation activities may go into December (~30 remaining potential causes).**
6. Assess the licensee's corrective action/"fix" in addressing the containment delamination issue.  
**Licensee has not made decision on repair plan.**
7. Collect data necessary to develop and assess the safety significance of any findings in accordance with IMC 0609, "Significance Determination Process."  
**No findings to date.**
8. Determine potential generic issues or any design and construction inadequacies and make recommendations for appropriate follow-up actions (e.g., Information Notices, Generic Letters, and Bulletins).  
**None identified to date.**