

Blamey, Alan

From: Bernardo, Robert
Sent: Thursday, October 08, 2009 2:38 PM
To: Wilson, Adam; Hull, Amy; Wang, Alan; Malliakos, Asimios; Patel, Amar; Garmoe, Alex; Palmer, Anthony; Howe, Allen; Blamey, Alan; Lising, Jason; Burritt, Arthur; Pate, Tony; Zoulis, Antonios; Barker, Allan; Boland, Anne; Billoch, Araceli; Gody, Tony; Howell, Art; Ziedonis, Adam; Lewin, Aron; Rezai, Ali; Sengupta, Abhijit; Turilin, Andrey; True, Andrea; Boger, Bruce; Bickett, Brice; Rini, Brett; Watson, Bruce; Haagensen, Brian; Lehman, Bryce; Welling, Blake; Holian, Brian; Beasley, Benjamin; White, Bernard; Fuller, Brian; Singal, Balwant; Vaidya, Bhalchandra; Bartlett, Bruce; Mozafari, Brenda; Yip, Brian; Smith, Brian; Jose, Benny; Casto, Chuck; Hott, Christopher; Julian, Caudle; Lipa, Christine; Sanchez, Chanel; Cauffman, Christopher; Khan, Cheryl; Pederson, Cynthia; Moulton, Charles; Lyon, Fred; Cahill, Christopher; Miller, Chris; Ng, Ching; Young, Cale; Paulk, Chuck; Rosselle, Chuck; Sanders, Carleen; Roquecruz, Carla; Kontz, Craig; Goodwin, Cameron; Gratton, Christopher; Crisden, Cherie; Lochbaum, David; Powers, Dale; Everhart, Dave; Tifft, Doug; Graves, Chris; Johnson, Dante; Lew, David; Payne, Charlie; Hills, David; Jackson, Donald; White, Duane; Strickland, Duane; NRR_DIRS_IOEB Resource; Spindler, David; Roberts, Darrell; Allsopp, David; Mas, Delza; McGovern, Denise; Werkheiser, David; Kern, David; Dority, Dayna; Reinert, Dustin; Hoang, Dan; Pickett, Douglas; Andrukat, Dennis; Chyu, Doris; Frumkin, Daniel; Garmon-Candelaria, David; Merzke, Daniel; Patel, Dimple; Wright, Donna; Brown, Eva; Kleeh, Edmund; Ruesch, Eric; Goldfeiz, Eliezer; Burket, Elise; Knutson, Ed; Michel, Eric; Morris, Eddie; Miller, Eric; Bowman, Eric; Collins, Elmo; Huang, Eugene; Roach, Edward; Benner, Eric; Cunningham, Liza; Leeds, Eric; Stamm, Eric; DiPaolo, Eugene; Keighley, Elizabeth; Coffman, Ellery; Cobey, Eugene; Robinson, Edward; Thomas, Eric; Brown, Frederick; Saba, Farideh; Arner, Frank; Ehrhardt, Frank; Bower, Fred; Bonnett, Paul; Jaxheimer, Frederick; Newman, Garrett; Pick, Greg; Kelly, Glenn; Miller, Geoffrey; Replogle, George; Larkin, Grant; McCoy, Gerald; Hunegs, Gordon; Ottenberg, Geoffrey; Shear, Gary; Tracy, Glenn; Tutak, Greg; Bowman, Gregory; Dentel, Glenn; MacDonald, George; Callaway, Gary; Miller, Ed; Chernoff, Harold; Jones, Heather; Christensen, Harold; Balian, Harry; Barrett, Harold; Crouch, Howard; Prokofiev, Iouri; Cutler, Iris; Jung, Ian; Tifft, Jennifer; Clark, Jeff; Grobe, Jack; Hickey, James; Isom, James; Kulp, Jeffrey; Lennartz, Jay; McHugh, James; Lane, John; Paige, Jason; Poole, Justin; Tsao, John; Hughey, John; Orr, Dan; Beall, James; Gaslevic, James; Rivera-Ortiz, Joel; Rutkowski, John; Thorp, John; Lara, Julio; Rogge, John; Stang, John; Giitter, Joseph; Ibarra, Jose; Kramer, John; Lamb, John; Schoppy, Joseph; Nadel, Jared; Thompson, Jon; Blake, Jerome; Commiskey, John; Corujo-Sandin, Jorge; McHale, John; Ashcraft, Joseph; Brand, Javier; Giantelli, Joseph; Lilliendahl, Jon; Trapp, James; Donohew, Jack; Adams, James; Boska, John; Reynoso, John; Segala, John; Bream, Jeffrey; Hall, Randy; Hawkins, Justin; Jennings, Jason; White, John; Walsh, J; Kim, James; Kaizer, Joshua; Robbins, John; Wiebe, Joel; Heinly, Justin; Johnson, Jonathan; Mitman, Jeffrey; Wiggins, Jim; Kauffman, John; Andersen, James; Clifford, James; Foster, Jack; Lubinski, John; Shea, Joseph; Ayala, Juan; Cushing, Jack; Dozier, Jerry; Gall, Jennifer; Heisserer, Jamie; Kellum, Jim; Rady, Jeff; Robles, Jesse; Gray, Kathy; Young, Keith; Feintuch, Karl; Hoffman, Keith; Kennedy, Kriss; Cotton, Karen; Mattern, Kevin; West, Steven; Fields, Leslie; Wilkins, Lynnea; Scholl, Larry; James, Lois; Casey, Lauren; Doerflein, Lawrence; Raghavan, Rags; Trocine, Leigh; Wert, Leonard; Boggi, Michael; Cunningham, Mark; Galloway, Melanie; Satorius, Mark; Cheok, Michael; Hay, Michael; Thadani, Mohan; Sykes, Marvin; Tschiltz, Michael; Hamm, Matthew; Balazik, Michael; Farnan, Michael; Evans, Michele; Vaaler, Marlayna; Case, Michael; David, Marshall; Ross-Lee, MaryJane; Halter, Mandy; Webb, Michael; Chawla, Mahesh; Dapas, Marc; Scott, Michael; Panicker, Mathew; Thorpe-Kavanaugh, Meghan; Phillips, Monte; Patel, Manan; Catts, Michelle; Reisifard, Mehdi; Sheikh, Mina; Young, Matt; Ferdas, Marc; King, Mark; Wegner, Mary; Markley, Michael; Abid, Mohammed; Banerjee, Maitri; Davis, Marlone; Fernandez, Mario; Gray, Mel; Junge, Michael; Jardaneh, Mahmoud; Kowal, Mark; Mahoney, Michael; Orr, Michael; Taylor, Nick; DiFrancesco, Nicholas; Salgado, Nancy; Lafferty, Nathan; Morgan, Nadiyah; Perry, Neil; Sieller, Nicole; Coleman, Nicole; Kalyanam, Kaly; Ayegbusi, Odunayo; Tabatabai, Omid; Yee, On; Pederson, Perry; Kaufman, Paul; Milano, Patrick; Prescott, Paul; Boyle, Patrick; Alter, Peter; Bamford, Peter; McKenna, Philip; Niebaum, Phillip; Hiland, Patrick; Loudon, Patrick; Wilson, Peter; Lee, Pete; Finney, Patrick; Harris, Paul; Wen, Peter; Jervy, Richard; Montgomery, Richard; Nelson, Robert; Rasmussen, Richard; Cohen, Ronald; Elliott, Robert; Branch, Richard; Telson, Ross; Cureton, Ronald; Hickok, Roy; Martin, Robert; Krsek, Robert; Rolph, Ronald; Beall, Robert; Perkins, Richard; Bernardo, Robert; Conte, Richard; Caniano,

To: Roy; Craffey, Ryan; Kumana, Rayomand; Orlikowski, Robert; Powell, Raymond; Wolfgang, Robert; Lorson, Raymond; Franovich, Rani; Nimitz, Ronald; Lerch, Robert; Hardies, Robert; Grover, Ravinder; Moore, Ross; McKinley, Raymond; Clement, Richard; Guzman, Richard; Vogt-Lowell, Rene; Deese, Rick; Haskell, Russell; LaVera, Ronald; Musser, Randy; Sigmon, Rebecca; Richards, Stuart; Walker, Shakur; Meighan, Sean; Rich, Sarah; Ibarrola, Sherlyn; Iyer, Shri; Collins, Sam; Pannier, Stephen; Vaughn, Stephen; Hansell, Samuel; Garry, Steven; Pindale, Stephen; Rutledge, Steven; Schneider, Max; Smith, Stacy; Bailey, Stewart; Lingam, Siva; Sanchez, Steven; Sands, Stephen; Hackworth, Sandra; Jones, Steve; Kennedy, Silas; Lee, Samuel; Lai, Sandra; Peng, Shie-Jeng; Beltz, Terry; Moslak, Thomas; Hartman, Thomas; Kolb, Timothy; Bloomer, Tamara; Burton, Thomas; Hedigan, Tom; Walker, Tracy; Boyce, Tom (NRR); Kobetz, Timothy; McGinty, Tim; Orf, Tracy; Wengert, Thomas; Harriman, Thomas; Fredette, Thomas; Hipschman, Thomas; Pruett, Troy; Mossman, Timothy; Perin, Vanice; Gaddy, Vincent; Ordaz, Vonna; McCree, Victor; Rodriguez, Veronica; Sreenivas, V; Cook, William; Chalk, Wayne; Cartwright, William; Jones, William; Walker, Wayne; Ruland, William; Raymond, William; Borden, William; Orders, William

Subject: IOEB Clearinghouse Screening Summary for Thursday, October 8, 2009

*****NOTE: THIS SUMMARY IS OFFICIAL USE ONLY -- MAY CONTAIN SENSITIVE INTERNAL INFORMATION*****

DO NOT FORWARD ANY PORTIONS OUTSIDE OF NRC WITHOUT FIRST OBTAINING PERMISSION FROM ORIGINATOR

Issues For Resolution (IFR): None

NOTE: The issue associated with **EN 45416** (CRYSTAL RIVER 3 - DISCOVERY OF A CONTAINMENT SEPARATION) was screened in as an Issue for Resolution on 10/6/2009.

OpE Forum Postings (COMMS): None

Management Requests: None

Follow-up/Other Tasks: Three

[Note - The information in this part of the Summary is often preliminary in nature and is provided to help IOEB staff communicate and track noteworthy items being followed up by either the Regions or HQ staff.]

1. Crystal River - Crack on Exterior Containment Wall (10/5) - Update

Status: The plant is in mode 6, green risk. Reactor head is removed and the water level is 158 feet (23 feet above RV flange) and 99F. Fuel in vessel with time to boil at 404 minutes. The equipment hatch is open. Defueling started last night and thirty assemblies have been removed. Offload is scheduled to be completed by 23:00 on 10/9.

Containment Hydro-demolition of concrete was completed. Licensee is planning to perform a modification to support an outside lift system as a result of cracks identified in concrete. A root cause investigation is in progress. Sargent and Lundy is involved with the investigation and corrective actions. An NRC/Licensee conference call to discuss the containment issues and licensee actions is scheduled for today at 15:00. The concrete around the containment liner is nominally 42 inches thick. The cracks (see linked pictures in PITA [CR Containment Pic1 10-8.jpg](#); [CR Containment Pic 2 10-8.jpg](#); [CR Containment Pic 3 10-8.jpg](#) - **treat these pictures as Official Use Only**) are located in the area of the horizontal tendons, leaving at least 30 inches of concrete between the containment liner and the crack. The licensee analysis is continuing with the assumption that the crack is around the entire 360 degree circumference, and the full height of the structure is affected.

Region has determined that the designer of the CR containment (Gilbert Associates) also designed the containments at VC Summer, Perry, TMI and Ginna. Region II has confirmed that VC Summer has been in

contact with CR to discuss this issue. Region II has alerted Regions I and III. (NOTE: VC Summer confirmed that they did NOT have to cut a hole in containment to perform a steam generator replacement in the past. Ginna performed a SG replacement in the 1990s where containment was cut, and TMI has an upcoming refueling outage where SGs will be replaced.)

The region plans on performing a special inspection at Crystal River, regarding the containment crack, tentatively starting on Monday, October 12, 2009.

Yesterday the licensee made a voluntary notification to the NRC to describe the containment concrete issues **(EN 45416)**.

Pass updates to Structural TRG Lead (Goutam Bagchi) and Containment TRG Lead (Brian Lee), as well as License Renewal Points of Contact (Samson Lee, Jerry Dozier and James Medoff). Assigned to Bob Bernardo).

Outside of Scope

Outside of Scope

Outside of Scope