

Benner, Eric

From: Lipa, Christine
Sent: Wednesday, April 20, 2011 9:52 AM
To: Benner, Eric
Subject: RE: Plan for addressing stand alone SFPs for Charlie Miller's Task Force

Follow Up Flag: Follow up
Flag Status: Completed

Categories: SFST - Routine

No real final results yet – still digesting. Some observations, etc.

All reports will be issued on 5/13. We will brief you and FSME on the results before then.

From: Benner, Eric
Sent: Wednesday, April 20, 2011 7:46 AM
To: Lipa, Christine
Subject: RE: Plan for addressing stand alone SFPs for Charlie Miller's Task Force

Thanks

From: Lipa, Christine
Sent: Wednesday, April 20, 2011 8:45 AM
To: Benner, Eric
Subject: RE: Plan for addressing stand alone SFPs for Charlie Miller's Task Force

Yes, we are doing inspections at each of our 3 pools - last week, this week and next. I will find and forward the email that has our inspections plans attached.

From: Benner, Eric
Sent: Wednesday, April 20, 2011 6:37 AM
To: Lipa, Christine
Subject: FW: Plan for addressing stand alone SFPs for Charlie Miller's Task Force
Importance: High

Do you have an updated status on Zion, LaCrosse, and GE Morris?

From: Ordaz, Vonna
Sent: Tuesday, April 05, 2011 5:03 PM
To: Haney, Catherine; Moore, Scott
Cc: Camper, Larry; Lorson, Raymond; Boland, Anne; Lipa, Christine; Weaver, Doug; Benner, Eric; Ruland, William; Mohseni, Aby; Kokajko, Lawrence
Subject: Plan for addressing stand alone SFPs for Charlie Miller's Task Force
Importance: High

Cathy and Scott,

Larry Camper and I pulled together a conference call yesterday with Region III to finalize a decision on whether a TI should be performed on the stand alone SFPs, comparable to the newly issued TI 2515/183 on reactors in order to support the NRC Task Force on the US actions due to the Japan crisis (Charlie Miller's Team). There are 3 facilities that fall under this category including Zion, LaCrosse, and GE Morris. We understand that

A/17

Millstone 1 will be addressed by Region I under the reactor TI 2515/183 because of the collocated operating reactors.

A summary of our decision is below. We recognize that there is limited time to implement this and factor the outcome into the Task Force effort. We plan to forward this to Charlie Miller, unless you have any comments or wish to discuss it further. Please advise.

Thanks,
Vonna

From: Lipa, Christine

Sent: Monday, April 04, 2011 4:49 PM

To: Camper, Larry; Louden, Patrick; McConnell, Keith; Watson, Bruce; Ordaz, Vonna; Benner, Eric; Boland, Anne

Cc: Slawinski, Wayne; Edwards, Rhex; Learn, Matthew; Rodriguez, Lionel

Subject: FW: Course of action for inspections at stand alone spent fuel pools

As discussed on today's call between reps from Region III, FSME, and NMSS, we have determined a course of action to provide us with additional assurance that the stand alone spent fuel pools have adequate measures in place to ensure adequate protection of public health and safety. We also plan to discuss this plan with Region I to ensure alignment.

Specifically, we discussed that Region III would conduct an inspection at each of our 3 stand alone spent fuel pools (Zion, LaCrosse, and GE Morris) by the date of April 29, 2011. The scope of the inspection would be to ensure site specific coping strategies for the loss of fuel pool cooling and water supply are developed and maintained in a state of readiness. We would use the existing IP 60801("Spent Fuel Pool Safety at Shutdown Reactors") and expand the scope to include the applicable elements of TI 2515/183. By using TI 2515/183 as our guide, the focus will be to evaluate and verify the licensee's capability to mitigate conditions that result from station black out (SBO) conditions, seismic, flooding, fires, and beyond design basis events. These include an assessment of licensee procedures, capabilities and actions to ensure:

SBO

- (1) Materials/equipment (for pool cooling/makeup water DC power) are available and maintained
- (2) Procedures for SBO response are developed
- (3) Personnel are trained and procedures are executable

Seismic, flooding and fires and Beyond Design Basis Events

- (1) Strategies (ad-hoc or otherwise) are developed to mitigate the impact of fire, flood and seismic events from adversely affecting the spent fuel
- (2) Materials/equipment are adequate and staged (i.e., barriers such as curbing/walls/doors, penetration seals, fire protection equipment)
- (3) Procedures to implement the mitigating strategies are developed
- (4) Personnel are trained and procedures are executable

Christine A. Lipa
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U.S. Nuclear Regulatory Commission, Region III
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