

Benner, Eric

From: Weaver, Doug
Sent: Friday, April 01, 2011 2:51 PM
To: Waters, Michael; Ordaz, Vonna
Cc: Benner, Eric
Subject: RE: Larry Camper response regarding TI 2515/183 for stand-alone spent fuel pools.

Mike,

RIOB has the lead for us on this one.

Thanks.

Doug

From: Waters, Michael
Sent: Friday, April 01, 2011 2:27 PM
To: Ordaz, Vonna; Weaver, Doug
Subject: Larry Camper response regarding TI 2515/183 for stand-alone spent fuel pools.

Vonna,

I spoke briefly with Camper and staff. He called today to close the loop, based on previous conversation.

Their recommendation is to use the current Inspection procedure as suggested by RIII (item 1) below to address the elements of TI 2515/183, rather than waiting for an addendum to the TI itself. It was not clear to him how long it would take to addend the TI.

I tended to agree with his recommendation given the small population of spent fuel pools. Larry also indicated we could possibly proceed with the inspections and addend the TI in parallel.

I told him we would get back with him on Monday morning.

Mike

From: Camper, Larry
Sent: Friday, April 01, 2011 2:20 PM
To: Waters, Michael
Cc: Ordaz, Vonna
Subject: FW: TI

As discussed.

From: Hickman, John
Sent: Friday, April 01, 2011 1:13 PM
To: Camper, Larry; McConnell, Keith
Cc: Watson, Bruce
Subject: FW: TI

Larry and Keith,

Bruce and I support an effort such as described below by Wayne in RIII.

John

From: Slawinski, Wayne
Sent: Friday, April 01, 2011 11:21 AM
To: Benner, Eric; Watson, Bruce; Lipa, Christine; Temps, Robert; Kobetz, Timothy; Boland, Anne
Cc: Boland, Anne; Loudon, Patrick
Subject: RE: TI

RIII supports an inspection effort at our three stand-alone spent fuel pools (Zion, LaCrosse, and GE Morris) to ensure coping strategies for the loss of fuel pool cooling and water supply are developed and maintained in a state of readiness. Our thoughts are to either: (1) conduct a focused area inspection using the existing IP 60801("Spent Fuel Pool Safety at Shutdown Reactors") but expanded to include the elements of TI 2515/183; or (2) develop a separate TI that is consistent with TI 2515/183. The TI route would ensure the scope/breadth of the review and resource allocation are appropriate.

Using TI 2515/183 as our guide, the focus should be to evaluate and verify the licensee's capability to mitigate conditions that result from station black out (SBO) conditions and beyond design basis events. These include an assessment of licensee 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

Beyond Design Basis Events (seismic, flooding and fires)

- (1) Strategies (ad-hoc or otherwise) are developed to mitigate the impact of fire, flood and seismic events to maintain the integrity of DC power supplies
- (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

Region III could support completion of the inspection effort by May 27, 2011.

From: Benner, Eric
Sent: Friday, April 01, 2011 8:01 AM
To: Watson, Bruce; Lipa, Christine; Slawinski, Wayne; Temps, Robert; Kobetz, Timothy
Cc: Benner, Eric
Subject: FW: TI

Folks, I believe NMSS, FSME & Regional management are on board with doing some level of inspection of the spent fuel pools at non-operating reactor sites in response to the Japan event, building off of TI 2515/183 (link below).

Christine, Wayne, Rob & Bruce – thoughts on what should be included? Essentially verifying availability of any equipment necessary to provide water?

Tim, as the contact on the TI, what are your thoughts?

Thanks,

Eric

<http://pbadupws.nrc.gov/docs/ML1107/ML11077A007.pdf>

From: Weaver, Doug
Sent: Friday, April 01, 2011 8:38 AM
To: Benner, Eric
Subject: TI

Eric,

I think the path is now clear to work with the others (FSME, RIII, FSME) on this.

Although my email indicated the idea was to explore the idea of doing something for the decommissioned pools, Vonna's talk with Larry and Larry's subsequent email make me believe he is onboard with doing some kind of inspection.

Please call if you want to talk through or perhaps the email traffic is enough.

Doug