Passehl, Dave

Here is the follow-up from yesterdays visit to Peach Bottom:

1) The implementing procedures for B5b, most importantly, black-start of RCIC are not linked to the EOPs. There is some discussion to include in future revisions, but they are not currently there. B5b procedures are similar to fire safe-shutdown procedures in that they are stand alone and if you try to run them concurrently there may be conflicts. I think EOPs would win out since that's where the operators are exercised. It is assumed that B5b wouldn't be introduced until the TSC is manned. This could be 2-4 hrs, for the seismic events that they are considering. It is my understanding that they ran their calcs with RCIC started in about at 1 hr.

2) HEP's aren't developed as Walt expressed in earlier e-mails. Besides the standard PSF's to evaluate, for thing like going into the steam tunnel at 160F, in the dark, in a high rad area, to climb up a ladder 9 ft, hold on with one hand engage the clutch and open the outboard isolation, George identified that they may not be able to open the MOV's by hand with pressure on the system.

3) Successful injection with the portable pump relies on a pressurized source. Given the magnitude of the event, the fire main would fail. In addition, the water source (Conowingo pond) would be lost due to the dam failure. In this event, they could have a water source in the Emergency Cooling Towers, however, to get this to the fire system, they wold need to drop the sluice gates at the intake, by hand, (if they don't cock from the event) and gravity flow from the basin to the intake. The currently don't have any provision to draft directly from the basin. Even if they could it is unlikely that they could develop sufficient pressure to inject.

It is my impression that they are being overly optimistic with crediting these strategies for SORCA in their current state. The strategies were designed for specific conditions, and on the whole, they meet those.

From a non-technical area, the gala release of SORCA is likely to occur in close proximity to press release for GSI-199. Although independent research efforts they both deal with seismic events. I think it is important that communications for these be closely coordinated, so that conflicting messages don't go out.

All - please see Jimi's invitation to listen to the SOARCA ACRS meeting...

From: Yerokun, Jimi
Sent: Thursday, June 10, 2010 10:54 AM
To: Marksberry, Don; Bonnett, Paul; Wong, See-Meng
Cc: Hunter, Christopher; Demoss, Gary; Barr, Jonathan
Subject: RE: Mitigation Measures

You are welcomed.

Paul and See-Meng - All the SRAs are welcomed to drop in and listen at the closed SOARCA ACRS meeting on June 21st. We have an all-day meeting with the ACRS and should be discussing Mitigation Measures Assessment by 10:30 am.

Jimi T. Yerokun