

From: Kuntz, Robert
To: [Miller, Ed](#)
Subject: NRC Presentation on interim actions lessons learned
Date: Wednesday, January 08, 2014 2:04:00 PM
Attachments: [Lessons-learned from review of interim actions \(for dec 19 public mtg\).pptx](#)

Ed,

Attached is the NRC staff's presentation on areas that interim action submittals could be improved based on the reviews the NRC staff has completed to date.

Robert Kuntz
Sr. Project Manager
NRR/JLD/JPMB
(301) 415-3733

Lessons-learned from reviews of interim actions



U.S.NRC

United States Nuclear Regulatory Commission

Protecting People and the Environment

Interim action reviews

- Staff performing review of interim actions submitted with FHRR
 - Reviews are documented in staff assessments for each site, considering:
 - Staff technical reviews
 - Information from TI-190
- Limited descriptions of interim actions posed a challenge for reviewers



U.S.NRC

United States Nuclear Regulatory Commission

Protecting People and the Environment

Lessons-learned

- **Descriptions of interim actions**
 - **Examples of challenges:**
 - “TBDs”
 - Few details
 - Lack of clarity about purpose
- **Trigger for implementation of interim actions**
 - **Examples of challenges:**
 - Little or no information about trigger
 - Triggers that are not based on available forecast methods
- **Information about manual actions**
 - **Examples of useful information:**
 - Results of reasonable simulations
 - Confirmation that training and procedures changes implemented

Lessons-learned (con'd)

- Consistency with readily available standards and common flood protection practices
 - Examples:
 - Configuration of sandbag walls
 - Use of sump pumps for in-leakage and pooling
 - Bypass routes
- Addressing related effects of interim actions
 - Examples:
 - Effects of louver covers on equipment ventilation/cooling
 - Increased burden on plant personnel