



TMI-2 Community Advisory Panel Meeting Minutes

Date: Wednesday, September 14, 2022

Time: 6:00pm – 7:30pm

Location: Virtual*, accessible via www.tmi2solutions.com

**Note: There were several technical issues that occurred prior to and during this meeting, including that the dial-in number posted on the TMI-2 Solutions website was out of date and several attendees were waiting in the Microsoft Teams lobby and could not join the meeting.*

I. Welcome and Attendance, Steve Letavic – CAP Chairperson

- a. In Attendance (Virtual): Steve Letavic, Marie-Louise Abram, Hannah Pell, Richard Kluskiewicz, Shen Kreiser, Jim Hazen
- b. Absent: Curt Miner, Joyce Corradi, Jay Ostrich, Dominick DiFrancesco, Scott Miller, Bart Shellenhamer, David Shoff, Amy Burrell

II. Decommissioning Project Status Update, Frank Helin – TMI-2 Project Director

- a. Overall Assessment, Challenges/Risks
 - i. Safety and schedule/budget performance remain very good.
 - ii. Team is focused on planning and program readiness.
 - iii. Challenges and risks include:
 1. Obtaining Emergency Plan update approval from the Nuclear Regulatory Commission. The TMI Site Emergency Plan is required to be revised in order to transition to active decommissioning (DECON) from Post-Defueling Monitored Storage (PDMS).
 2. Resequencing work to prioritize an early aggressive dose reduction approach.
- b. Safety Performance
 - i. Workers have been mobilized to the field, several minor safety incidents, including:
 1. Worker became weak during respirator testing and fell, injuring an elbow.
 2. Worker slipped on debris in truck and strained a hamstring.
 3. Worker tripped in a clean (non-contaminated) area which aggravated a pre-existing condition; individual requested an ambulance and received care upon reaching the Emergency Room.
- c. Project Highlights
 - i. TMI-2 Solutions is transitioning the procedures and programs from TMI-1 / Constellation to ESJ Decommissioning in preparation for performing physical work, including:
 1. Radiological Protection Program
 2. Fire Protection Program
 3. Engineering Program
 - ii. TMI-2 Materials Security Plan became effective on 30 August 2022.
 1. Continuing to work with Constellation / TMI-1 for implementation of the Security Plan (e.g., for access authorization, badging, guards).



- iii. Surveys are being performed in the TMI-2 Reactor Building and Auxiliary and Fuel Handling Building
 - 1. Augments historical information to better understand the radiological condition
 - 2. More effectively address source term reduction while minimizing radiological risks
- d. Critical Path to transition to active decommissioning (DECON) depends on Nuclear Regulatory Commission approval of the DECON License Amendment Request.
 - i. Currently addressing Requests for Additional Information (RAIs).
 - ii. Hopeful for approval of the DECON LAR by end of 2022, implementation in early 2023.
- e. Preparations for entering active decommissioning includes:
 - i. Design and construction of a Decommissioning Support Building and Interim Waste Storage Facility (IWSF)
 - ii. Eventual removal of the TMI-2 Reactor Building equipment hatch.
- f. Continue to work closely with TMI-1 as they move to SAFSTOR status, as well as support services, combined site-wide programs (e.g., environmental monitoring, Emergency Plan).
- g. Project focus areas include:
 - i. Staffing
 - 1. RP staff – lack of availability is an industry-wide issue
 - 2. 8 craft personnel expected to grow to 52 by mid-October
 - ii. Dose Reduction
 - 1. Reviewing advances in technological methods to perform remote work with minimal risk for exposure to personnel.
 - iii. Program transfer from Constellation / TMI-1.
- h. *Question:* Rich Janati asked for clarification about how TMI-2 intends to manage low-level waste storage and shipments, including storage in the Turbine building and functions of the Decommissioning Support Building.
- i. *Note:* Hannah Pell requested a meeting pause; notified by email that two people were trying to access the meeting and were stuck waiting in the Microsoft Teams lobby to be admitted.

III. Regulatory Update, Tim Devik – TMI-2 Licensing Manager

- a. PDMS to DECON License Amendment Request (LAR) Status
 - i. Submitted February 2021. [ML21057A047]
 - ii. Currently preparing responses to the NRC RAIs.
 - 1. Fire analysis basis and special nuclear material accountability and control.
 - iii. Target for approval is end of 2022.
- b. TMI-2 Security LAR Status
 - i. Submitted May 2021 [ML21144A262]; license amendment approved on 30 August 2022 [ML22189A194].
 - ii. Implemented TMI-2 Materials Security Plan under contract with Constellation / TMI-1 to provide services.



- iii. Coordinated implementation with Constellation / TMI-1 implementation of ISFSI-only Security Plan and TMI-1 Materials Security Plan.
- c. Emergency Plan LAR Status
 - i. ISFSI-only Emergency Plan submitted for TMI site in March 2021; assumed that TMI-2 would remain in the PDMS condition.
 - ii. Coordinating Emergency Plan update with Constellation / TMI-1 and the NRC.
- d. Records Exemption Status
 - i. TMI-2 *Solutions* requested an exemption from some of the NRC record keeping requirements for the life of the license on 5 October 2021 [ML21279A278]
 - ii. Eliminates record-keeping requirements for abandoned equipment
 - 1. Supplemented in December 2021 [ML21354A027] to address NRC Orders regarding maintenance TMI-2 accident records
 - 2. Specific *Code of Federal Regulations* records requirements:
 - a. 10 CFR 50, Appendix B, Criterion XVII
 - b. 10 CFR 50.59(d)(3)
 - c. 10 CFR 50.71(c)
 - iii. NRC is expected to approve the exemption in the coming weeks.
- e. NRC Inspection Status
 - i. 12-15 September 2022: NRC Radiation Protection and Security Program inspections
 - ii. 12-15 September 2022: NRC Management site familiarization visit
- f. Searching on NRC ADAMS:
 - i. Instructions for receiving email notifications for TMI-2 public documents added to the NRC ADAMS docket.
 - 1. Visit www.nrc.gov
 - 2. Select "Public Meetings and Involvement"
 - 3. Select "Subscribe to Email Updates"
 - 4. Scroll down to Lyris Subscription Services
 - a. Click link to the Decommissioning and Uranium Recovery Correspondence page
 - b. Add your name and email address and select Three Mile Island Station, Unit 2 -5000320 (Middletown, PA)

IV. Preservation and Outreach, Hannah Pell – TMI-2 Licensing Engineer/CAP Secretary

- a. Continued coordination with the Pennsylvania State Historic Preservation Office.
 - i. Finalized TMI-2 Historic Resource Survey Form (HRSF) draft with environmental contractors.
 - ii. Cultural Resources Protection Plan development to align with HRSF update.
 - iii. TMI-2 Solutions will continue to maintain historical records regarding the TMI-2 accident in 1979 after Records Exemption approval.
- b. 18th Annual TMI Charity Golf Tournament – 4 August 2022
 - i. ~120 golfers and ~30 industry vendors participated.
 - ii. Raised \$30,000 for Londonderry Volunteer Fire Company



1. Londonderry volunteer updated buildings and services to serve as the first responders for Three Mile Island.
- iii. Steve Letavic notes the importance of maintaining the relationship between TMI and Londonderry Volunteer Fire Co.

V. Agency/Advisory Board Updates

a. Pennsylvania Department of Environmental Protection (PADEP), Dwight Shearer – Director, Bureau of Radiation Protection (BRP)

- i. *Note: Dwight Shearer was in the call and could hear but was experiencing technical issues when trying to unmute. Rich Janati spoke on behalf of the PADEP BRP.*
- ii. Dry cask storage of fuel onsite is a concern for communities. However, licensees don't have much of a choice and it is a safe storage method.
 1. This is in the context of TMI-1 recently completing moving all spent fuel onto the Interim Spent Fuel Storage Facility (ISFSI) at the southern end of the island.
- iii. PADEP oversight continues with monthly project meetings with the NRC
 1. PADEP BRP staff were onsite 14 September 2022 to participate in environmental monitoring discussions with the NRC Project Manager.
 2. PADEP discussed their own monitoring programs which will be maintained.
- iv. Meeting notice – 30 September 2022, LLRW Advisory Committee Meeting in Harrisburg; agenda is posted on the BRP website.

b. Decommissioning Nuclear Safety Review Board (DNSRB), Bill Ostendorff – Chairperson

- i. DNSRB was onsite from 13-15 June 2022 to review specific project areas including but not limited to:
 1. Staffing for Radiation Protection technicians
 2. Effectiveness for training
 3. Onsite oversight of QA
 4. Procurement activities
 5. Nuclear safety culture
 6. Project organization
- ii. DNSRB provided a report with their findings and recommendations; TMI-2 Solutions responded with steps for improvement.
- iii. Aforementioned safety incidents were reported to the DNSRB on a real-time basis.
- iv. DNSRB will be back onsite 14-15 November 2022.
- v. Steve Letavic notes that the TMI-2 CAP appreciates your efforts; brings confidence that we have your group to support the project and efforts.

c. Nuclear Regulatory Commission, Amy Snyder – TMI Project Manager

- i. Amendment No. 65 issued – Physical Security Plan License Condition [ML22189A194]
 1. Material Security Plan addressed 10 CFR 37 requirements.

