

**NUCLEAR DECOMMISSIONING CITIZENS ADVISORY PANEL (“NDCAP”)
PSDAR and Decommissioning Working Group
Thursday, February 15, 2018
Plymouth Community Intermediate School, Room E03, 117 Long Pond Road,
Plymouth, MA
Meeting Minutes**

Meeting called to order at 6:30 p.m. by Working Group Chair, Joe Coughlin

NDCAP MEMBERS PRESENT:

- H. Joseph Coughlin, Member from Plymouth Nuclear Matters Committee
- Pine duBois, Speaker of the House Appointee
- John Ohrenberger, Representative of Pilgrim Nuclear Power Station

Not present: Joe Lynch, Representative of PNPS and Rich Grassie, House Minority leader rep.

Also Present: Mary Lampert, Rich Rothstien, Chuck Adey, Sara Altherr, Lawrence Rosenblum, Henrietta Constantina, and other.

1. Minutes of October 17, 2017 minutes were reviewed and approved with a note that we will refer to Pilgrim in Minutes, when abbreviated, as “PNPS”.
2. Scope of Work (SOW) for this Working Group (WG) was presented for approval by chair, based on written statement as follows:

“The NDCAP PSDAR & Decommissioning Work Group will focus on familiarizing itself on all relevant PSDAR and Decommissioning documents, components, standards and information from the NRC, Nuclear Power Systems that have undergone decommissioning in recent years, and other related public information from authoritative sources, as well as discussing the relevant issues with appropriate representatives from both public and private sectors, with the intent of using all of this information as background to make appropriate recommendations to the other NDCAP Working Groups, and the NDCAP overall, for its statutorily required annual report, as well as any other appropriate recommendations during the next year.”

The above scope was adopted by the WG. This scope will inform the work for the next year following June.

3. The chair expressed concern that the SOW and Minutes of meetings of other work groups did not appear to be posted on the website, and a brief discussion of the brevity of the official website followed. The consensus expressed the need that additional materials be made available and searchable. That the webmaster might need additional help so that the NDCAP materials are available in a user friendly way. This is an issue this WG should bring up to Co-Chair Kurt Schwartz who presently facilitates postings on the site.
4. Entergy Presentation by John Ohrenberger, Decommissioning Director for Entergy, took up the task originally assigned to Joe Lynch. John provided a slide presentation on the Post-Shutdown Decommissioning Activities Report (PSDAR), including the content of the anticipated report, milestones, staffing for transition to

- decommissioning with Timeline, the rules and NRC guidance that shapes the PSDAR, and the content; which will entail the Decommissioning Activities, the Schedule, the Cost Estimate, and a discussion of Environmental Impacts; Spent (Irradiated) Fuel Management, the rules, approach, storage including transfer to dry casks, need for additional pad and timeframe; Cost Estimate, the breakdown of costs in three categories that are: license termination, spent Fuel Management, and Site Restoration—there followed a discussion about the need for a 4th bucket to account for spent funds in none of those categories. Also the Decommissioning Trust update as of December 31, 2017 is the fund has \$1.07 billion in revenue.
5. Brief discussion followed about the likely environmental impacts decommissioning PNPS that will differ from Vt Yankee due to proximity of the Bay. Pine provided the Chair with a copy of a July 2017 Draft Report on Entergy's Legacy of contamination at Pilgrim Nuclear Power Station, and also a 2016 MAP of PNPS both produced by JRWA with bathymetric and topographic elevations to indicate proximity to sea levels.
 6. Questions from Public in attendance:
 - a. Important site assessment at the beginning of the PSDAR process not at the end, in order to get honest cost estimate
 - b. Concern that "zirc fire" period is only 10 months because this time frame does not consider other problems such as cask drop during transfer, drain-down of the spent fuel pool, plane crash, issues that impacts emergency planning and other costs.
 - c. Question if Entergy will go to Safstor once SPF is emptied to dry casks. PSDAR will discuss, and likely include some level of Safstor but decision is not made yet. Fuel ~~will~~ is currently scheduled to be transferred within approximately 36 months of shutdown, then only ISFSI. This is Phase 3
 - d. Entergy is involved until license is transferred
 - e. Discussion re: Dr. Kris Singh of Holtec regarding dry casks. More info can be found at <https://www.youtube.com/watch?v=s5LAQgTcvAU> Question about who will be responsible if casks leak in 30 years.
 - f. Siting of first ISFSI pad too close to bay. Public does not want next pad there.
 - g. Concern regarding past statements of Entergy in reference to moving fuel off-site. This should be corrected and clarified. (Reference to 2013 Flooding re-evaluation report)
 - h. In January 4th storm, Grayson, 3A was flooded near Pilgrim, look at evidence, first pad is too close to water, what is Plan B?
 7. New Business: NRC Decommissioning Draft Regs issued November 20, 2017. Topic for next meeting. WG members must read and be prepared to discuss. Especially consider (about page 30, depending on copy source) Role of State and Local Government in Decommissioning process and PSDAR; and, (p 47) NRO does not expect new requirements for current licensees. Concern regarding Assumptions, chair refers to Appendices.
 8. Consider future meetings to take place the second Wednesday of the month, same time and place.
 9. Meeting adjourned 8:32