

Connecticut Yankee (CY) Fuel Storage Advisory Committee Meeting (FSAC)

Tuesday, October 30, 2007, Inn at Middletown, Middletown, CT

Meeting Summary

Chair Hugh Curley called the meeting to order at 6:10 PM. The following members in addition to the Chair were present: Dan Casey, Sal Mangiaglio, Don Markham, Anthony Scalora, Gerry van Noordennen, and Ernie Woods. Other attendees included Tony Bondi, Haddam First Selectman; Mike Firsick, CTDEP; Bob Capstick, CY Public and Government Affairs; Jim Lenois, CY ISFSI Manager; and John Arnold, CY.

CY Project Status

Jim Lenois provided the Committee with an update on the status of activities at CY. He spoke using the "Project Status Update," which is attached to this summary.

Groundwater

Gerry van Noordennen provided an update on the recent quarterly groundwater monitoring results. The first two rounds of long term groundwater monitoring required by the CT DEP stewardship permit were completed in June and September. The June radiological sampling was covered by the LTP required sampling previously reported. The preliminary September results show two wells slightly over the EPA drinking water MCL concentration of 8pCi/L at 9.52 and 9.09 pCi/L respectively. For the non-radiological results, only one well showed values that slightly exceeded the RSR Groundwater Protection Criteria for boron (1.95 mg/L versus a limit of 1.4 mg/L). It is expected that these levels will attenuate down to levels below the drinking water and RSR limits during the period of the long term groundwater monitoring.

Sal asked where the elevated radiological wells were and where the constituents were going. Gerry explained using an enlarged photo of the site that the constituents were part of a soil layer plume of material moving from the spent fuel pool area across the site and along the discharge tunnels to the canal and eventually the river. As the material moved through the site it was diluted by groundwater.

ISFSI Operations

Jim Lenois provided described routine activities at the ISFSI. Tony Bondi asked how CY would respond to a cask problem. Jim explained that he had persons on staff who could deal with expected monitoring types of issues. CY does not expect leakage from the air tight inner cask cans. CY does monitor temperature and radiation around the casks to ensure that there are no situations developing that would begin to challenge cask integrity. Tony asked if he would receive timely notice of a problem at the ISFSI. Jim responded yes.

Sal asked if the design basis threat included response to terrorist attack. Jim explained that his security response plans now include elements to deal with this.

Anthony asked about the frequency and type of drill. Jim explained that he conducted three drills per year and some informal drills and training sessions. Jim also is training responders include the Haddam Neck Fire Department and State Police.

Hugh Curley suggested that CY invite the CT Legislature's Public Safety Committee to tour the ISFSI site and see the latest in security technology.

Property Transfer

John provided a brief update on the status of the consultants' efforts to evaluate options for property use. He explained that the next step would involve work with stakeholders including Tony to develop a better understanding of the options. This process could go another three to six months. John briefly explained the CT law in relation to the role of the Town and State in property transfer. Tony asked if CY would consider selling off a portion of the site to the Town for a Haddam Neck play ground. John stated he would pass this idea along to the consultants.

Fuel Update

Bob Capstick provided the attendees with an update on nuclear waste issues from a national perspective. He spoke from notes entitled "Nuclear Waste Issue Update," which are attached.

Tony asked if the CY site could be used as a regional site repository for nuclear waste. Gerry explained that the NRC license would not allow storage of waste from other sites currently and after expected license shrinkage. Bob and Gerry explained that when the regional storage area concept was discussed DOE sites like Savannah River were most often mentioned as the possible sites.

First Selectman Update

Tony asked if CY could provide a periodic (once or twice per year) update on ISFSI activities. He would like to file this update and have available if Haddam residents asked what was happening at the site.

Women In Nuclear Energy

Hugh spoke this summer at a "Women In Nuclear Energy" meeting in California last summer. He explained the need for nuclear sites to have community advisory groups that have leadership from the community and strong support by site management.

April 17, 2007 Meeting Summary

No corrections or changes were made to the April 17, 2007 meeting summary.

2008 Meeting Date

The dates for the 2008 meetings are April 15 and October 28.

There being no further business the meeting was adjourned at about 7:45 pm.