

Agenda
Region I Inspection of Abnormal Ground-Water Releases
at the Indian Point Energy Center

Date: December 17, 2007; 12:00 - 4:00 pm

Location: Region I, DRS Conference Room

Attendees: Thomas Nicholson, RES; Steven Garry, NRR, John Williams, USGS; Timothy Rice, NYS DEC; Lawrence Rosenmann, NYS DEC; John White, RI; James Noggle, RI

Meeting Objectives and Activities:

1. Critique Entergy's performance in performing a site ground-water contamination characterization and the follow-on long-term ground-water monitoring program, and develop conclusions for an inspection exit meeting with Entergy.
2. Review other aspects of the ROP Deviation Memo for possible closure
 - a. Evaluate the split sampling results (both water and fish) to date and discuss confidence in Entergy's laboratory control and closure of the split sampling effort.
 - b. Assess the licensee's efforts to determine and address the sources of leakage into the ground water.
 - c. Assess the licensee's analysis of the abnormal releases to the ground and its relationship to dose assessment calculations. Assessment should include review of Entergy's site conceptual model based on past investigative information to determine if the effluent has been appropriately characterized, and the effluent release calculation methodology is reasonable and defensible in keeping with the licensee's choice of monitored natural attenuation (MNA) as the remediation approach.
 - d. Evaluate the licensee's strategy to remediate, mitigate, or control releases of radio nuclides to the subsurface and risk to environmental pathways.

If closure has been achieved, what is the final regulatory assessment of the ground-water contamination condition; with respect to regulatory requirements (and current voluntary NEW industry initiatives), remediation actions and long-term monitoring.
3. Review current status of Entergy's commitment letter to Regional Administrator, dated March 24, 2006
 - a. Quarterly sampling of the site perimeter wells: MW-38, 40, 48, and 51 for H-3, Sr-90 and gamma analysis
 - b. Trigger values have been established to investigate abnormal H-3 and Sr-90 concentrations in these site perimeter wells.
 - c. Entergy will develop a long-term onsite well monitoring program, which will provide the sampling frequency, sample analysis type, and quality assurance bases for sampling the monitoring wells.
 - d. Upon completion of the hydrological evaluation, a remediation decision will be made.
4. Discuss the regulatory strategy of each agency and potential Stakeholder concerns. Develop a list of communication issues in preparation for a future Public Meeting.