

John Boska - IPEC status report for June 27

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Subject: IPEC status report for June 27

See also the diagram of Monitoring Well-30

Kathy McMullin



Indian Point Energy Center Status Report

June 27, 2006

Operational Status

IP2 is currently at 100% reactor power; the unit has been on line for 40 days and Unit 3 is operating at 100% reactor power and has been on-line for 266 days.

Indian Point Continues Monitoring Well Samples

Entergy conducted a low flow sampling of Monitoring Well 30—a key sample location in the groundwater investigation at Indian Point. MW-30 is located inside the IP2 spent fuel building along the southwest corner of the spent fuel pool. It was the first new sampling well constructed during the groundwater investigation.

The truck bay floor where the well is situated was used for storage and movement of equipment during the outage and was unavailable for sampling during 2R17. This past week Entergy and the Nuclear Regulatory Commission split samples from the well.

Samples were obtained from four different depths in the well. (See diagram). A low flow sample technique was used to obtain samples from distinct areas in the well. The draw rate was between 100 and 400 cc/minute. That's about 4 gallons per hour. At each of the four well depths a 1-gallon sample was taken. It took two full days of pumping to obtain these samples as the well had to be stabilized between each sample.

Samples were analyzed at IPEC's chemistry lab for tritium and gamma emitters. No gamma emitters were found but the well continues to show high levels of tritium, between 185,000 and 397,000 pCi/L. The samples will also be analyzed off-site by both Entergy and the NRC.

Educational Outreach

Entergy Nuclear Northeast provides customized outreach education programs for schools, youth groups, and civic organizations. The topics we cover include Emergency Planning, Understanding Radiation, Nuclear Fuel and a general overview of the operations of Indian Point Energy Center. If you would like a brochure or are interested in scheduling a program, contact IPEC Communications at 914-271-7441.

If you have any questions or need clarification of the information provided, please contact Kathy McMullin, manager of communications, Indian Point Energy Center, at 914-271-7132.

MW-30

LOCATED INSIDE UNIT 2 FUEL
STORAGE BUILDING TRUCK BAY
(LOW FLOW SAMPLING JUNE
22/23, 2006)

