



## Indian Point Energy Center Status Report

June 6, 2006

### Operational Status

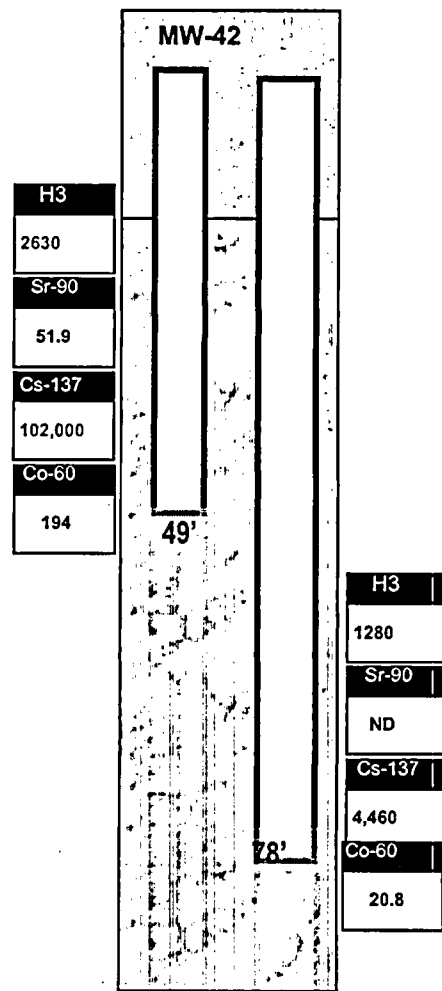
IP2 is currently at 100% reactor power; the unit has been on line for 19 days and Unit 3 is operating at 100% reactor power and has been on-line for 247 days.

### Groundwater Investigation – MW-42 Well

Entergy released updated/corrected sample results today from a series of samples obtained from MW-42, which is located adjacent to the Unit 1 spent fuel pool. The results show isotopes characteristic of North curtain drain water. (See diagram showing updated sample results). Hydrologists are investigating the possibility that the well intercepted a section of the North curtain drains at Unit 1. The updated sample results do not affect the bounding dose calculations. Results for tritium are lower than previously reported although the Cesium numbers are higher. An additional sample taken on April 7 showed results consistent with the corrected data from March 23/24.

MW-42 @ 49' Sampled April 7, 2006 Results in pCi/L	
H-3	3980
Sr-90	74.6
Cs-137	5310
Co-60	67.2

Entergy has initiated actions to reduce the concentration of Sr-90 in the Unit 1 spent fuel pool. Demineralizers connected to the pool will help reduce the amount of Sr-90 in the pool and thus the amount which is captured by the curtain drains. Entergy is evaluating additional processing in the curtain drains to further reduce the Sr-90 concentration. These actions are being taken in advance of any overall site remediation plan and will enhance the effectiveness of which ever strategy maybe employed.



Samples taken 3/23-24/2006

*Corrected results are in green.  
Previously reported tritium value  
was 261,000 pCi/L and the Cs-137  
number was 10,200 pCi/L. All  
results in pCi/L*

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Tracer tests, mentioned above, will help evaluate the effectiveness of the Sr-90 processing.

No radioactivity has been detected in any off-site monitoring location.

### **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.