

Indian Point Energy Center

*Buchanan,
New York*

Indian Point's Unit 1 and Dry Cask Storage

The Indian Point Groundwater Investigation team has determined that the Unit 1 spent fuel pool is a major source of the strontium found in the groundwater on site. The team established a pool cleanup program and is moving ahead with a plan to transfer spent fuel from wet to dry storage. Preparations to remove the fuel from the Unit 1 spent fuel pool, and place it in leakproof steel and concrete casks are well underway.

Steps include:

- ☞ Continue fuel pool cleanup to mitigate pool leakage
- ☞ Complete infrastructure modifications in preparation for the fuel move
- ☞ Raise the water level in the pool to allow for fuel movement
- ☞ Complete NRC observed dry runs - Aug. 2008
- ☞ Load, process and transfer all fuel to the Independent Spent Fuel Storage Installation pad (5 casks - 160 fuel elements) - Oct. 2008
- ☞ Complete draining of Unit 1 fuel pools in 2008



A Demineralizer was installed on Unit 1 to remove impurities from the water in the spent fuel pool.



The smaller casks will hold the fuel components from the Unit 1 spent fuel pool.



The first casks arrived on site earlier this year in preparation for the fuel moves.