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**Date:** 1/3/06 4:01PM  
**Subject:** IPEC status report for Jan. 3

See attached map for sample locations

Alt 2

## Indian Point Energy Center

### Daily Status Report

January 3, 2006

#### Operational Status

Indian Point Unit 2 is operating at 100% and has been online 12 days.

Indian Point Unit 3 is operating at 100% reactor power and has been on-line for 91 days.

#### Indian Point Tritium Investigation

Drainage system shows levels of tritium

Indian Point is continuing its investigation into leakage of tritium, a radioactive isotope of hydrogen, into the site. As reported previously, the ground water sampling program has been expanded to include the various storm water drainage systems on site. The drainage systems adjacent to the IP2 transformer yard have been sampled for tritium and show amounts of tritium ranging from a high of about 50,000 pCi/L to < 1000 pCi/L. The highest sample result was at location MH-6 near monitoring well MW-111 in the transformer yard. Lower readings were found on the south side of the transformer yard at locations MH 17-19. See attached map for locations.

Additional phase 1 monitoring wells were installed and sampled over the holiday. The latest sample results from the monitoring wells in the IP2 transformer yard and elsewhere are summarized below:

ID

Date

Location

Sample Results

Tritium (pCi/L)

Installed Monitoring Wells

MW-31

12/30/05

Side walk near maintenance outage building

4,060

MW-33

12/19/05

Transformer Yard

199,000

MW-34

12/19/05

Transformer Yard

121,000

MW-35

12/19/05

Transformer Yard

76,000

MW-38

12/19/05

South of IP3 discharge canal

< 1000

MW-111

12/19/05

Transformer yard

192,000

Note: MW-31 is up gradient from the IP2 spent fuel pool.

Two additional monitoring wells will be constructed inside the Unit 2 turbine building on either side of the discharge canal to assess the hydrogeology immediately adjacent to the discharge canal. Preparation work including ground penetrating radar to ensure that there are no service lines in the area have begun. Drilling will begin this week.

No tritium has been found in any off-site location including drinking water supplies. There are no health or safety impacts to the public or workers from tritium on site.

#### Entergy Adds New Feature to Website

Entergy has added an e-mail update feature to its safesecurevital website. You can sign up for updates on a variety of topics including siren tests, security upgrades and environmental issues.

To receive these updates go to [www.safesecurevital.org](http://www.safesecurevital.org) <<http://www.safesecurevital.org/>> and provide an email address.

#### BM\_40154 Updated Dry Cask Storage Factsheets Available

Entergy has produced an updated informational brochure, available in electronic and hardcopy format that explains the details of dry cask storage. Contact Andrea Blizard at 914-271-7081 or by return email at [kmcmull@entergy.com](mailto:kmcmull@entergy.com) <<mailto:kmcmull@entergy.com>> for a copy.

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.

CC: "Sachatello, Ronald" <[rsach90@entergy.com](mailto:rsach90@entergy.com)>

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## **Indian Point Energy Center**

### **Daily Status Report**

**January 3, 2006**

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ID	Date	Location	Sample Results
			Tritium (pCi/L)
<b>Installed Monitoring Wells</b>			
MW-31	12/30/05	Side walk near maintenance outage building	4,060
MW-33	12/19/05	Transformer Yard	199,000
MW-34	12/19/05	Transformer Yard	121,000
MW-35	12/19/05	Transformer Yard	76,000
MW-38	12/19/05	South of IP3 discharge canal	< 1000
MW-111	12/19/05	Transformer yard	192,000

*Note: MW-31 is up gradient from the IP2 spent fuel pool.*

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**Mail Envelope Properties** (43C28117.222 : 10 : 29218)

**Subject:** IPEC status report for Jan. 3  
**Creation Date:** 1/3/06 4:01PM  
**From:** "McMullin, Kathy" <KMcmull@entergy.com>

**Created By:** KMcmull@entergy.com

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MESSAGE	3561	01/03/06 04:01PM
TEXT.htm	30378	
well locations 1-3.pdf	227894	
Header	7323	
<b>Options</b>		
<b>Expiration Date:</b>	None	
<b>Priority:</b>	Standard	
<b>Reply Requested:</b>	No	

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**Concealed Subject:**           No  
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