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**Date:** 1/10/06 5:58PM  
**Subject:** IPEC status report for Jan 10

Please see attached map for storm drain locations

A/8

## Indian Point Energy Center

### Daily Status Report

January 10, 2006

#### Operational Status

Indian Point Unit 2 is operating at 100% and has been online 19 days.

Indian Point Unit 3 is operating at 100% reactor power and has been on-line for 98 days. Indian Point Energy Center ended 2005 with over 12,000,000 person-hours worked with a day away from work accident.

#### Indian Point Tritium Investigation

##### Sampling continues in site's drainage systems

Test results from a number of sample locations in the storm drainage system on site have been obtained. The tritium investigation was expanded to include these sample sites as well as existing and new test wells. Sample locations are shown on the attached map.

The most recent test results (1/4/06) range from less than minimum detectable activity (MDA) along the riverfront to 13,100 pCi/L at MH-6 in the IP2 transformer yard. Generally, the higher readings are in the IP2 transformer yard (3,000-13,000 pCi/L) with lower levels on the south end of the site near IP3. The results follow the same general trend as the monitoring wells.

Last week investigators used a florescent dye tracer to help characterize the interconnections between sample locations MH-2 and MH-1. The tracer test indicated that there is a break in the storm drain piping between MH-2 and MH-1. Water from these two locations drains directly into the Hudson River and is physically separated from the transformer yard storm drain system that empties into the discharge canal. The small drain collection systems on the river front, MH-12 and MH-14 also empty into the river. Both of these samples showed no detectable amounts of tritium.

Catch basins up gradient from the spent fuel pool were also sampled. They show small amounts of tritium (800-1000 pCi/L).

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.

Test results are summarized in the table below:

ID

Date

Location

Sample Results

Tritium (pCi/L)

Storm Drain Locations

Most recent samples are in bold

MH-1

**1/4/06**

1/6/06

North of IP-2 Turb. Bldg. by Water

Resample

Too dry to sample

<MDA

MH-2

**12/16/05**

1/6/06

River Front

651 pCi/l (IPEC)

<MDA

MH-2A

1/4/05

By IP-2 EDG

<MDA

MH-3

1/4/06

North of IP-2 Turbine Building

3,450 pCi/l

MH-4

1/4/06

Transformer Yard

3,070 pCi/l

MH-4A

1/4/06

IP-2 Condenser Tube removal pit

3,380 pCi/l

MH-5

1/4/06

Aux Feed Bldg

3,480 pCi/l

MH-6

1/4/06

Transformer Yard

13,100 pCi/l

MH-7

1/4/06

Transformer Yard

8,140 pCi/l

MH-8

1/4/06

Transformer Yard

5,740 pCi/l

MH-9

12/16/05

MOB Hill - 80'

2,140 pCi/l

MH-10

12/16/05

MOB Hill - 80'

2,940 pCi/l

MH-12

1/4/06

West of IP-2 Turb. Bldg. by river

<MDA

MH-14

12/16/05

Riverfront

<MDA

MH-17

12/16/05

Transformer Yard

1,710 pCi/l

MH-18

12/16/05

Transformer Yard

854 pCi/l

MH-19

12/16/05

Transformer Yard

1,800 pCi/l

CB-4

1/4/06

Located by IP2 Reactor Water Storage Tank

<MDA

Cb-24

1/4/06

Located by IP2 security office

959 pCi/l

\*MH-A4

10/18/05

IP3 MH located east of the IP3 monitor tank

<MDA

\*MH-B8

10/18/05

IP3 MH located west of the north end of IP3 turbine hall over the discharge canal

959pCi/L

Note: locations MH-A4 and MH-B8 are outside of area shown on map

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>, "Kerns, Matt" <MKerns@entergy.com>

Please see attached map for storm drain locations

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MH-1	<b>1/4/06</b>  <b>1/6/06</b>	North of IP-2 Turb. Bldg. by Water  Resample	<b>Too dry to sample</b>  <b>&lt;MDA</b>

MH-2	12/16/05	River Front	651 pCi/l (IPEC)
	1/6/06		<MDA
MH-2A	1/4/05	By IP-2 EDG	<MDA
MH-3	1/4/06	North of IP-2 Turbine Building	3,450 pCi/l
MH-4	1/4/06	Transformer Yard	3,070 pCi/l
MH-4A	1/4/06	IP-2 Condenser Tube removal pit	3,380 pCi/l
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MH-9	12/16/05	MOB Hill - 80'	2,140 pCi/l
MH-10	12/16/05	MOB Hill - 80'	2,940 pCi/l
MH-12	1/4/06	West of IP-2 Turb. Bldg. by river	<MDA
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MH-19	12/16/05	Transformer Yard	1,800 pCi/l
CB-4	1/4/06	Located by IP2 Reactor Water Storage Tank	<MDA
CB-24	1/4/06	Located by IP2 security office	959 pCi/l
*MH-A4	10/18/05	IP3 MH located east of the IP3 monitor tank	<MDA

*MH-B8	10/18/05	IP3 MH located west of the north end of IP3 turbine hall over the discharge canal	959pCi/L

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