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Date: 4/13/06 4:38PM
Subject: IPEC status report for April 13

See attachment with map and well results

Information in this record was deleted
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Act, exemptions 4 & 6
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C-16

Indian Point Energy Center

Status Report

April 13, 2006

Operational Status - 2R17 Outage Preparations

Indian Point Unit 2 is operating at 100% and has been on line 42 days. Indian Point Unit 3 is operating at 100% reactor power and has been on-line for 190 days.

Operations and maintenance crews are preparing for Indian Point Unit 2's upcoming refueling outage scheduled to begin later this month. The outage scope includes replacing about 1/3 of the fuel assemblies and full primary and secondary side inspections of the four steam generators. Entergy will also conduct the 10-year Integrated System Inspection as well as the Integrated Leak Rate Test to measure containment integrity. Routine preventive maintenance and surveillances will be conducted on a number of pumps, valves and associated piping.

Groundwater Investigation

Entergy released sample results today from four wells, three along the discharge canal and one near Unit 1, which indicate the presence of Strontium-90 in the water. The test results from MW-49, MW-50 and MW-36, the wells along the discharge canal, show levels of Strontium-90 ranging from 1.00 to 25.5 pCi/L. Tritium levels range from 26, 800 to 55,200 pCi/L tritium. (See attached map for locations)

These results are consistent with previously reported results from MW-37, which indicated the presence of Sr-90 along the discharge canal.

A series of samples obtained from MW-42, which is located adjacent to the Unit 1 spent fuel pool, show isotopes characteristic of North curtain drain water. (See attached sample results table). A tracer test will be conducted to help determine the source of the contaminants found in these samples. It is possible that the well intercepted a section of the North curtain drains at Unit 1.

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. 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.

Status Report Available on JIC Website

The Indian Point status report is now available on the new Joint Information Center web site. The web site is part of the virtual news room concept that is being developed for public emergency information. The web site will also include the latest radiological release information for Indian Point.

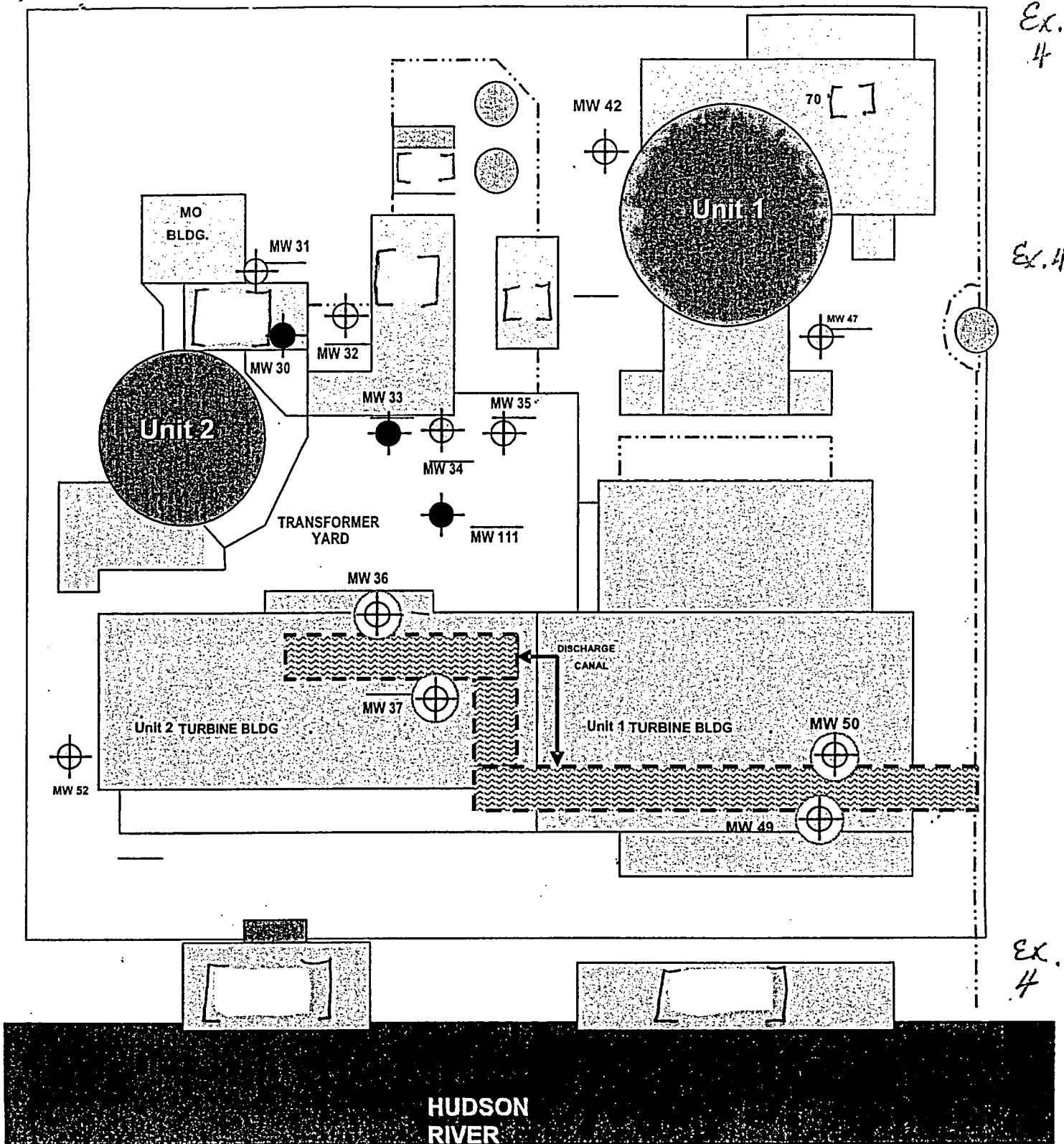
To preview the web site follow the link to Indian Point

<<http://jic.semo.state.ny.us/PlantStatus/PlantStatusMain.aspx>> Status Page

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.



4/13/2006

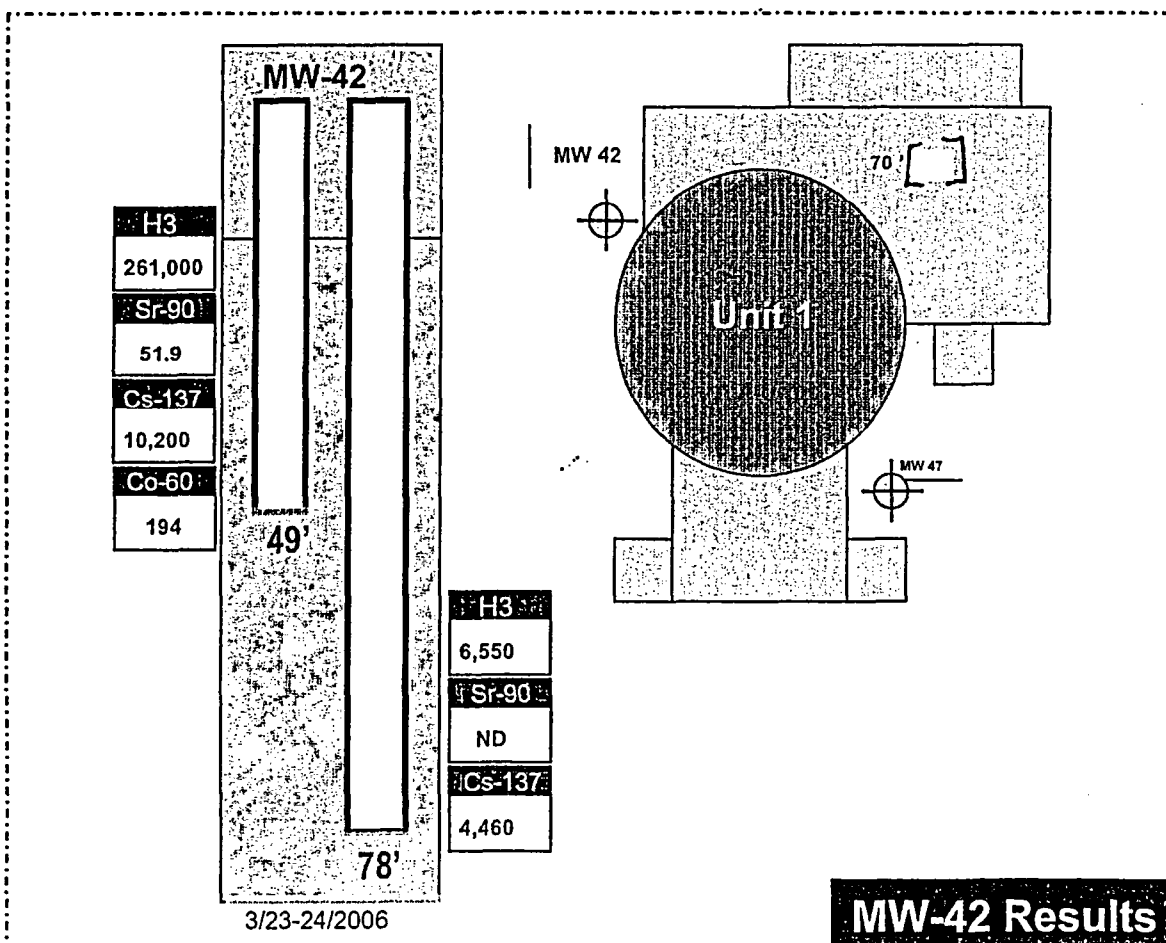
Diagram showing approximate location of monitoring wells.

- ⊕ Phase 2 well
- Phase 1 well

Monitoring Well Results

All results in pCi/L

Date	ID	Depth (ft)	H3	Sr-90
3/23/2006	MW-36	26	34,200	1
3/24/2006	MW-36A	41	55,200	3.48
3/24/2006	MW-36B	52	26,800	4.11
3/22/2006	MW-49	25	15,400	18.4
3/22/2006		42	11,300	19.4
3/22/2006		65	5,430	18.5
3/22/2006	MW-50	42	9,750	19.3
		67	6,810	25.5



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