

## John Boska - IPEC status report for July 5

**From:** "McMullin, Kathleen M" <KMcmull@entergy.com>  
**To:** <Popopeek@aol.com>, "Baranski, James" <james.baranski@semo.state.ny.us>, "Eddy, Paul" <paul\_eddy@dps.state.ny.us>, "Greeley, Dan" <greeleyd@co.rockland.ny.us>, "Gross, Steve - Orange PIO" <sgross@co.orange.ny.us>, "Sutton, Tony" <aws1@westchestergov.com>, <ASTiebeling@pcbcs.org>, "Albanese, Raymond" <rla1@westchestergov.com>, "Alfredo Vidal" <avidal@thevidalgroupp.com>, <aws1@westchestergov.com>, "B. Gore" <bgore@urbanomics.com>, <bakerna@co.rockland.ny.us>, "Barry, Terrence" <TBarry@entergy.com>, "Benjamin, Liz" <BenjamiL@co.rockland.ny.us>, "Bentley, Robyn M" <rbentle@entergy.com>, <ken.bergmann@semo.state.ny.us>, "Bernie McGarry" <mcgarry@senate.state.ny.us>, "Blizard, Andrea J" <ablizar@entergy.com>, <jean\_bordewich@schumer.senate.gov>, <schumer@valstar.net>, <jpb1@nrc.gov>, "Bowman, Greg" <GBowm90@prod.entergy.com>, <beh@nrc.gov>, <JBridges@troopers.state.ny.us>, "Chief Tubbs" <ChiefBTubbs@aol.com>, "Chris Schwarz" <cschwar@entergy.com>, <ewc@nrc.gov>, "Comiotes, Jim" <JComiot@entergy.com>, "Conroy, Patric W" <PConroy@entergy.com>, <lindac@yorktownny.org>, "Cox, Mark R" <mcox90@entergy.com>, <Gcrawford@urbanomics.com>, "Curran, Nick" <Nick.curran@mail.house.gov>, "Dacimo, Fred R." <FDacimo@entergy.com>, "David Brand" <DavidPBrand@hotmail.com>, "David Greene" <dgreene@urbanomics.com>, "David Weinraub" <DWeinraub@bmwlobby.com>, "DeGasperi, Edward M" <edegasp@entergy.com>, "DiRocco, Anthony J" <ADirocc@entergy.com>, <Donald.Maurer@semo.state.ny.us>, "Dowling, Adele" <amd2@westchestergov.com>, <Barney.Drew@lafarge-na.com>, "Fay, Deborah" <DFay1@entergy.com>, "Feathers" <jdf@fcwc-law.com>, <Andrew.Feeney@semo.state.ny.us>, <peter.feroe@mail.house.gov>, <galefs@assembly.state.ny.us>, "Geri Shapiro" <gerishapiro@aol.com>, <Emily.Gibbons@mail.house.gov>, "Giguere, Kathleen M" <KGiguer@entergy.com>, "Gottlieb, Laurence" <LGottli@entergy.com>, "Greene, Dominick" <dgreene@co.orange.ny.us>, <gac7@westchestergov.com>, "Grosjean, Alain G" <AGrosje@entergy.com>, <grtroes@nppd.com>, <Frank.Guiaio@lafarge-na.com>, "Harry Giannoulis" <harry@theparksidegroup.com>, "Hinrichs, Gary H" <ghinric@entergy.com>, "Hipschman, Thomas" <thips90@entergy.com>, "Inzirillo, Frank" <finziri@entergy.com>, "Ira Promisel" <ipromise@troopers.state.ny.us>, "Jack Spath" <jps@nyserda.org>, <dej1@nrc.gov>, <jefft@townofcortlandt.com>, "Jensen, Chris" <jensenc@co.rockland.ny.us>, "JES" <JES1@westchestergov.com>, "Jim Cunningham" <jim\_cunningham@nyc.bm.com>, "Jim Wright" <wright@senate.state.ny.us>, "John Cordo" <JLC@fcwc-law.com>, "Jones, T. R." <tjones2@entergy.com>, "Kansler, Michael R" <MKansle@entergy.com>, "Kathleen Wood" <kathleen.wood@chamber.state.ny.us>, <Pat.keegan@mail.house.gov>, "Kerns, Matthew T" <MKerns@entergy.com>, <MKopy@troopers.state.ny.us>, <kevin.kraus@semo.state.ny.us>, "L. Leach" <lionelleach@yahoo.com>, <leibell@senate.state.ny.us>, "Leon, Pete" <Pete.Leon@mail.house.gov>, <DCL@nrc.gov>, "Longo, Nick" <longon@co.rockland.ny.us>, "Mark Serrano" <serrano@proactivecom.com>, "Martin Brennan" <Martin\_Brennan@schumer.senate.gov>, "Marvin Randolph" <mrandolph@urbanomics.com>, "Matuszak, Patrick" <pmatusz@entergy.com>, "Mayer,

b17

Donald M" <DMayer1@entergy.com>, "McCann, John (ENNE Licensing Director)" <jmccan1@entergy.com>, "McCannell, Chris" <Chris.mccannell@mail.house.gov>, "McConaghy, Ryan" <ryan\_McConaghy@schumer.senate.gov>, "McGillicuddy, Maura" <MMcGill@entergy.com>, "McKay, Mike" <mike.mckay@mail.house.gov>, "McMahon, Bob - Putman County" <cdrbob31@aol.com>, "McMullin, Andrew " <amcmull@entergy.com>, "McMullin, Kathleen M" <KMcMull@entergy.com>, <millera@assembly.state.ny.us>, <MillerC@co.rockland.ny.us>, "Mitchell, Frank J" <FMitche@entergy.com>, "Neil Sheehan" <nas@nrc.gov>, <rand@schildasset.com>, <jdn@nrc.gov>, <Joseph.o'brien@mail.house.gov>, <boliveira@amnucins.com>, <doneill@bghc-law.com>, "Pat Brown" <PBrown@bmwlobby.com>, "Paul Steidler" <paul@effectivecomm.org>, "Paul Tonko" <tonkop@assembly.state.ny.us>, "Paulson, Adam" <adam.paulson@mail.house.gov>, <alp@nyserda.org>, "Phillips, Frank M." <fphilli@entergy.com>, <pjk3@westchestergov.com>

**Date:** 7/5/2006 3:57 PM

**Subject:** IPEC status report for July 5

---

See also map attached.



## Indian Point Energy Center Status Report

July 5, 2006

### Operational Status

IP2 is currently at 100% reactor power; the unit has been on line for 39 days and Unit 3 is operating at 100% reactor power and has been on-line for 265 days.

### Groundwater Investigation

Entergy has received sample data from monitoring wells located south and west of Unit 1. These wells were tested as part of the groundwater investigation into the extent of contamination at Indian Point.

ID	Depth	Location	Date	Sr-90 Results (pCi/L)	Tritium Results (pCi/L)
MW-107		Southeast of Unit 1	6/6/06	ND	
MW-44		Near Unit 3 FSB	5/24/06	ND	237
MW-46		South of Unit 3	5/24/06	ND	623
MW-U3-1		Near Unit 3 Turbine Building	3/16/06	1.0	763
MW-U3-2		Near Unit 3 Turbine Building	3/16/06	ND	282
MW-U3-3		Near Unit 3 Turbine Building	3/16/06	ND	263
MW-U3-T2		Unit 3 Turbine Building	5/26/06	1.2	1900
MW-U3-T1		Unit 3 Turbine Building	5/26/06	1.3	732
MW-39		Southwest of Unit 1	5/30/06	2.4	307
MW-41	41'	Southwest of Unit 1	5/25/06	4.3	607
	63'			4.5	
MW-43	28'	South of IP3 Tank	5/25/06	1.8	ND
	62'			ND	ND
MW-44	48'	Southwest of Unit 1	3/28/06	ND	338
MW-45	42.5'	Southwest of Unit 1	5/25/06	1.6	1820
	61'			1.2	1710

These sample results are consistent with previously reported Entergy results and are consistent with Unit 1 being the source of Sr-90 in groundwater although additional water sampling and other analysis techniques such as soil samples will be done to further evaluate the results above. Entergy is also conducting a review of previous contamination events in these areas and historic use of the areas as a possible cause for the presence of strontium 90.



### **Unit 1 Demineralizer System**

Entergy has been utilizing an enhanced demineralizer system in the Unit 1 spent fuel pool to lower the concentration of Strontium-90 in the pool. Since March 2006 the overall concentration of Sr-90 in the Unit 1 pool has decreased by about 77%.

### **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.

# CONCEPTUAL SKETCH OF IPEC PHASE 1, PHASE 2, AND PHASE 2A MONITORING WELL LOCATIONS

