Entergy

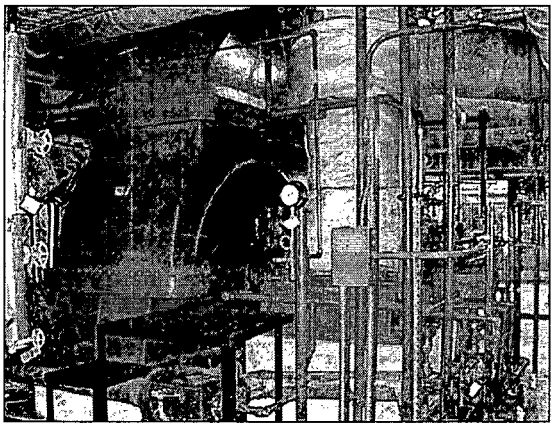
Indian Point Energy Center
Status Report

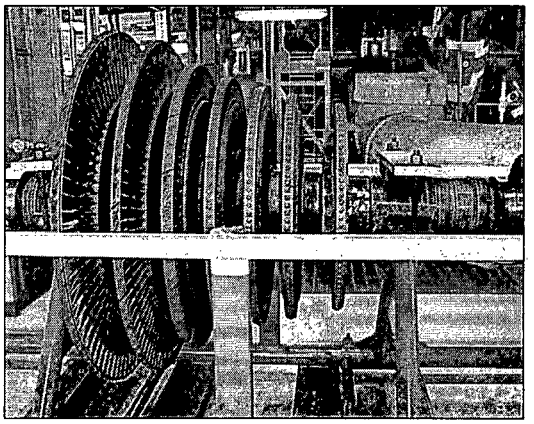
May 18, 2006

Operational Status – 2R17 Outage

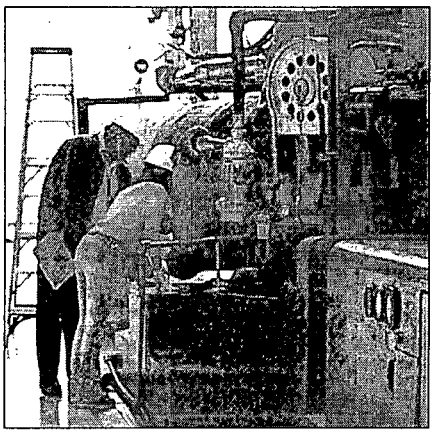
Indian Point Unit 2 remains in MODE 3 at Normal Operating Temperature (NOT) and Normal Operating Pressure (NOP). Today crews are clearing the Vapor Containment of materials and equipment. Most secondary (steam) side equipment is being returned to service including stator water cooling, condensate and circulating water pumps.

Unit 3 is operating at 100% reactor power and has been on-line for 226days.





Above left, is a picture of a Main Boiler Feed Pump. The MBFP pumps water from the condensate system back to the steam generators. On the right of the pump is the internal rotor which was cleaned and inspected during this outage. The two MBFP's are turbine driven pumps that supply the steam generators with reheated water from the feedwater heaters.



At left, Entergy engineers inspect the close out of the high pressure turbine.

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Ground water Investigation Update

As part of the ongoing groundwater investigation various monitoring wells installed on site are being analyzed for radioactivity and other contaminants. Entergy has recently received sample results for strontium-90 from a number of Phase 2 wells which are located near Unit 1 and in the vicinity of Unit 3.

These wells were sampled by the State of New York, NRC, and Entergy on an independent split sample basis to compare results.

ID	Depth	Location	Date	Sr-90 Results (pCi/L)	Tritium Results (pCi/L)
MW-41	41'	South of IP3 RWST	4/12/2006	2.63	726
	63'		4/12/2006	5.5	701
MW-43	28'	South of IP3 Tank	4/12/2006	< 2	346
	62'		4/12/2006	<1.2	200
MW-46	30'	IP3 Transformer Yard	4/12/2006	<1.2	1380

These sample results are consistent with Unit 1 being the source of Sr-90 in groundwater although additional water sampling and other analysis techniques such as soil sampling 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.

These sample results are bounded by and do not change the results of previous dose calculations that show potential dose impacts that are <.1% of federally allowable levels. [As a point of reference, the drinking water standard for Sr-90 is 8 pCi/L and for tritium is 20,000 pCi/L)]. There are no drinking water sources on or near the site and no off-site samples have shown any detectable levels of radioactivity from plant operations.

Twelve new wells, Phase 2A wells, are being installed starting in the next two weeks to help quantity groundwater flow and contamination locations. A map showing locations of the new wells in relationship to the existing wells was previously included with the status report.

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

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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.