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REGION 1

ORISE
OAK RIDGE INSTITUTE FOR SCIENCE AND EDUCATION

October 11, 2006 2006 OCT 13 PM 1:13

Mr. Jim Kottan
U.S. Nuclear Regulatory Commission
Region I
475 Allendale Road
King of Prussia, PA 19406

**SUBJECT: REPORT FOR REQUESTED REANALYSES OF ONE VEGETATION
SAMPLE FOR NICKEL-63, SET SEVEN, COLLECTED BETWEEN JUNE
14 AND JUNE 22, 2006 FROM THE INDIAN POINT POWER STATION,
BUCHANAN, NEW YORK
[INSPECTION REPORT NO. 050-247/2006-007] [RFTA NO. 06-001]**

Dear Mr. Kottan:

The Oak Ridge Institute for Science and Education (ORISE) received set seven, consisting of four water samples and two vegetation samples on June 28, 2006 and two additional water samples received on June 30, 2006, from the Indian Point Power Station in Buchanan, New York. On September 12, 2006, ORISE received a request to reanalyze the vegetation samples from Lent's Cove for Ni-63. The sample was reanalyzed in triplicate. The sample identification and collection data for this sample addressed in this report are presented in Table 1. The Ni-63 data are provided in Table 2. The pertinent procedure references are provided in each specific table.

ORISE's Quality Control (QC) requirements were met for these analyses. The QC files are available for your review upon request. Additional reports will follow after the completion of the requested analyses.

My contact information is listed below. You may also contact Wade Ivey at 865.576.9184 with any questions or comments.

Sincerely,



Dale Condra, Manager
Laboratory

RDC:WPI:ar

Enclosures

cc: B. Watson, NMSS/DWMEP/DD/SP 7E18
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TABLE 1

**SAMPLE IDENTIFICATION
AND COLLECTION DATA
INDIAN POINT POWER STATION
BUCHANAN, NEW YORK**

ORISE Sample ID	NRC Region I Sample ID	Collection Date	Collection Time
1697V0002	Lent's Cove	6/14/06	10:20

TABLE 2

CONCENTRATIONS OF
NICKEL-63 (Ni-63)
IN A VEGETATION SAMPLE
BY LIQUID SCINTILLATION ANALYSIS
AP 17, REVISION 0; CP4, REVISION 3
INDIAN POINT POWER STATION
BUCHANAN, NEW YORK

ORISE Sample ID	NRC Region I Sample ID	Radionuclide Concentrations ^a (pCi/g)			
		Ni-63			
1697V0002	Lent's Cove	0.06	±	0.12 ^b	(0.20)
1697V0002	Lent's Cove	0.01	±	0.11	(0.19)
1697V0002	Lent's Cove	0.02	±	0.12	(0.20)

^aThe MDCs for each radionuclide are in parentheses.

^bUncertainties represent the 95% confidence level, based on total propagated uncertainties.