

J. Noggle

From: "Croulet, Donald" <dcroule@entergy.com>
To: "Comiotes, Jim" <JComiot@entergy.com>, "Conroy, Pat" <PConroy@entergy.com>, "Cox, Mark R" <mcox90@entergy.com>, "jdn@nrc.gov" <jdn@nrc.gov>, "tbrice@gw.dec.state.ny.us" <tbrice@gw.dec.state.ny.us>, "Janicki, John" <JJanick@entergy.com>
Date: 11/28/05 7:12AM
Subject: FW: Moisture

From: Lavera, Ron
Sent: Wednesday, November 23, 2005 12:22 PM
To: Jones, T. R.; Croulet, Donald
Subject: FW: Moisture

I think that this answers the NRC question about moisture content of the soil.

Thanks

Ron

<mailto:RLaVera@entergy.com> RLaVera@entergy.com
914-736-8433
914-736-8419 FAX
Indian Point 3
Entergy Nuclear Northeast
Entergy Nuclear Operations, Inc.
Indian Point Energy Center
295 Broadway, Suite 3
P.O. Box 308
Buchanan, NY 10511-0308

From: Charles, Rebecca [mailto:Rebecca.Charles@tbe.com]
Sent: Wednesday, November 23, 2005 11:51 AM
To: Lavera, Ron
Subject: RE: Moisture

Ron,

I have attached the revised report with percent moisture added.

A/27

Rebecca Charles

Teledyne Brown Engineering

Project Manager

(865) 934-0379

(865) 934-0396 (fax)

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-----Original Message-----

From: Lavera, Ron [mailto:RLavera@entergy.com]

Sent: Wednesday, November 23, 2005 11:03 AM

To: Charles, Rebecca

Subject: RE: Moisture

Any word yet on the samples?

Thanks again for your help.

ROn

<mailto:RLavera@entergy.com> RLavera@entergy.com

914-736-8433

914-736-8419 FAX

Indian Point 3

Entergy Nuclear Northeast

Entergy Nuclear Operations, Inc.

Indian Point Energy Center

295 Broadway, Suite 3

P.O. Box 308

Buchanan, NY 10511-0308

From: Charles, Rebecca [mailto:Rebecca.Charles@tbe.com]
Sent: Tuesday, November 22, 2005 1:54 PM
To: Lavera, Ron
Subject: Moisture

Ron,

I looked at the samples and they have not been dried and are in the closed plastic containers. I will have the laboratory perform % moisture on a portion of the sample.

Rebecca Charles

Teledyne Brown Engineering

Project Manager

(865) 934-0379

(865) 934-0396 (fax)

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**TELEDYNE
BROWN ENGINEERING, INC.**

A Teledyne Technologies Company
2508 Quality Lane
Knoxville, TN 37931-3133

Floyd Hood, Chem
Entergy Nuclear Northeast
Indian Point Energy Center
295 Broadway - Suite 3, P.O. Box 308
Buchanan NY 10511-0308

REVISED
11-24-05

23 RC 11-23-05

Report of Analysis/Certificate of Conformance

11/23/2005

LIMS #: L26494

Project ID#: EN002-3P50IP3-04

Received: 09/12/2005

Delivery Date: 09/14/2005

P.O. #: 4500539361

Release #:

SDG #:

This is to certify that Teledyne Brown Engineering - Environmental Services located at 2508 Quality Lane, Knoxville, Tennessee, 37931, has analyzed, tested and documented samples as specified in the applicable purchase order.

This also certifies that requirements of applicable codes, standards and specifications have been fully met and that any quality assurance documentation which verified conformance to the purchase order is on file and may be examined upon request.

I hereby certify that the above statements are true and correct.

Keith Jeter
Operations Manager

Cross Reference Table

Client ID	Laboratory ID	Station ID(if applicable)
IP3-05-53	L26494-1	
IP3-05-54	L26494-2	
IP3-05-55	L26494-3	
IP3-05-56	L26494-4	

Report of Analysis

11/23/05 10:09

L26494

Entergy Nuclear Northeast

EN002-3P50IP3-04



REVISED
11-23-05
REC-11-23-05

Floyd Hood, Chem

Sample ID: IP3-05-53		Collect Start: 09/06/2005 13:00		Matrix: Solids (SD)									
Station:		Collect Stop:		Volume:									
Description:		Receive Date: 09/12/2005		% Moisture: 6.21									
LIMS Number: L26494-1													
Radionuclide	SOP#	Activity Conc	Uncertainty 2 Sigma	MDC	Units	Run #	Aliquot Volume	Aliquot Units	Reference Date	Count Date	Count Time	Count Units	Flag Values
H-3	2003	1.76E+02	8.49E+00		pCi/g		2.5043	g wet		09/13/05	5	M	+
Sample ID: IP3-05-54		Collect Start: 09/06/2005 13:00		Matrix: Solids (SD)									
Station:		Collect Stop:		Volume:									
Description:		Receive Date: 09/12/2005		% Moisture: 2.66									
LIMS Number: L26494-2													
Radionuclide	SOP#	Activity Conc	Uncertainty 2 Sigma	MDC	Units	Run #	Aliquot Volume	Aliquot Units	Reference Date	Count Date	Count Time	Count Units	Flag Values
H-3	2003	4.03E+01	4.10E+00		pCi/g		2.8573	g wet		09/13/05	5	M	+
Sample ID: IP3-05-55		Collect Start: 09/06/2005 13:00		Matrix: Solids (SD)									
Station:		Collect Stop:		Volume:									
Description:		Receive Date: 09/12/2005		% Moisture: 2.84									
LIMS Number: L26494-3													
Radionuclide	SOP#	Activity Conc	Uncertainty 2 Sigma	MDC	Units	Run #	Aliquot Volume	Aliquot Units	Reference Date	Count Date	Count Time	Count Units	Flag Values
H-3	2003	7.00E+00	2.38E+00		pCi/g		2.8327	g wet		09/13/05	5	M	+
Sample ID: IP3-05-56		Collect Start: 09/06/2005 13:00		Matrix: Solids (SD)									
Station:		Collect Stop:		Volume:									
Description:		Receive Date: 09/12/2005		% Moisture: 2.56									
LIMS Number: L26494-4													
Radionuclide	SOP#	Activity Conc	Uncertainty 2 Sigma	MDC	Units	Run #	Aliquot Volume	Aliquot Units	Reference Date	Count Date	Count Time	Count Units	Flag Values
H-3	2003	7.10E+00	2.78E+00		pCi/g		2.3488	g wet		09/13/05	5	M	+

- Flag Values
- U = Compound/Analyte not detected or less than 3 sigma
 - + = Activity concentration exceeds MDC and 3 sigma; peak identified(gamma only)
 - U* = Compound/Analyte not detected. Peak not identified, but forced activity concentration exceeds MDC and 3 sigma
 - High = Activity concentration exceeds customer reporting value
 - Spec = MDC exceeds customer technical specification
 - L = Low recovery
 - H = High recovery

- No = Peak not identified in gamma spectrum
- Yes = Peak identified in gamma spectrum
- **** Results are reported on an as received basis unless otherwise noted

MDC - Minimum Detectable Concentration

Bolded text indicates reportable value.