

## IPRenewal NPEmails

---

**From:** Wentzel, Michael  
**Sent:** Thursday, April 02, 2015 8:58 AM  
**To:** Gray, Dara F  
**Subject:** RE: Quarterly Reports  
**Attachments:** image001.png; image002.png; image003.png; image004.png; image005.jpg; image006.png; image007.png; image008.png; image009.jpg; image010.png; image011.png

Thanks, Dara. I think we're good, but I'll let you know if we need anything else.

---

**From:** Gray, Dara F [<mailto:DGray@entergy.com>]  
**Sent:** Thursday, April 02, 2015 8:56 AM  
**To:** Wentzel, Michael  
**Subject:** FW: Quarterly Reports

Mike here is the data table from the 3<sup>rd</sup> Qtr 2014 report. Please let me know if you need anything else here.  
Thank you

*Dara Gray REM*  
**Chemistry/Environmental**  
**Indian Point Energy Center**  
[Dgray@entergy.com](mailto:Dgray@entergy.com)  
914-254-8414

---

**From:** Matthew Barvenik [<mailto:Matthew.Barvenik@gza.com>]  
**Sent:** Thursday, April 02, 2015 8:52 AM  
**To:** Gray, Dara F  
**Cc:** Melissa Moulton  
**Subject:** FW: Quarterly Reports

Hi,  
Here you go – note – only one table actually has any data  
mjb

**Matthew Barvenik, LSP**  
**Sr. Principal, Sr. VP**  
GZA GeoEnvironmental, Inc.  
249 Vanderbilt Ave. Norwood, MA 02062  
781-278 3805 (Direct) 781 278 3700 (Office)  
781 760 3862 (Cell) 781 278 5701 (Fax)  
[mbarvenik@gza.com](mailto:mbarvenik@gza.com)

*Celebrating 50 years of service*



**Proactive by Design.®** Our Company Commitment.

---

**From:** Melissa Moulton  
**Sent:** Tuesday, March 31, 2015 2:29 PM  
**To:** Gray, Dara F; Matthew Barvenik  
**Cc:** Mayer, Donald M  
**Subject:** RE: Quarterly Reports

Attached is a printable version of the table files in the quarterly report that is posted on the web site.

Please let me know if I can be of any further assistance.

Thank you!

**Melissa Moulton**  
**Administrative Assistant**  
GZA GeoEnvironmental, Inc.  
249 Vanderbilt Avenue | Norwood, MA 02062  
o: 781.278.5944  
[Melissa.Moulton@gza.com](mailto:Melissa.Moulton@gza.com) | [www.gza.com](http://www.gza.com)

Follow us on:   



---

*This electronic message is intended to be viewed only by the individual or entity to which it is addressed and may contain privileged and/or confidential information intended for the exclusive use of the addressee(s). If you are not the intended recipient, please be aware that any disclosure, printing, copying, distribution or use of this information is prohibited. If you have received this message in error, please notify the sender immediately and destroy this message and its attachments from your system.*

---

For information about GZA GeoEnvironmental, Inc. and its services, please visit our website at [www.gza.com](http://www.gza.com).

---

**From:** Gray, Dara F [<mailto:DGray@entergy.com>]  
**Sent:** Tuesday, March 31, 2015 11:50 AM  
**To:** Matthew Barvenik; Melissa Moulton  
**Cc:** Mayer, Donald M  
**Subject:** RE: Quarterly Reports

That's right – 'only' the tables in the report that is posted.  
And Thanks again.

*Dara Gray REM*  
**Chemistry/Environmental**  
**Indian Point Energy Center**  
[Dgray@entergy.com](mailto:Dgray@entergy.com)  
914-254-8414

---

**From:** Matthew Barvenik [<mailto:Matthew.Barvenik@gza.com>]  
**Sent:** Tuesday, March 31, 2015 11:49 AM  
**To:** Gray, Dara F; Melissa Moulton  
**Cc:** Mayer, Donald M  
**Subject:** RE: Quarterly Reports

HI,

You should be able to just forward e-mail and the files should go the same way (sharefile) for them to download I missed the table request – will do. But, I'm assuming **not all the tables – just** what we have **in the report** on the web site (abbreviated list of tables)

**Matthew Barvenik, LSP**

**Sr. Principal, Sr. VP**

GZA GeoEnvironmental, Inc.

249 Vanderbilt Ave. Norwood, MA 02062

781-278 3805 (Direct) 781 278 3700 (Office)

781 760 3862 (Cell) 781 278 5701 (Fax)

[mbarvenik@gza.com](mailto:mbarvenik@gza.com)

*Celebrating 50 years of service*



**Proactive by Design.**<sup>®</sup> Our Company Commitment.

---

**From:** Gray, Dara F [<mailto:DGray@entergy.com>]

**Sent:** Tuesday, March 31, 2015 11:44 AM

**To:** Melissa Moulton; Matthew Barvenik

**Cc:** Mayer, Donald M

**Subject:** RE: Quarterly Reports

Thank you

So two more questions:

1. Can I just forward this to Mike Wentzel at the NRC? Or do I need to download them all and send each one?, and
2. Will the tables be coming separately (since they mentioned figures and/or tables)?

*Dara Gray REM*

**Chemistry/Environmental**

**Indian Point Energy Center**

**[Dgray@entergy.com](mailto:Dgray@entergy.com)**

**914-254-8414**

---

**From:** Melissa Moulton [<mailto:melissa.moulton@gza.com>]

**Sent:** Tuesday, March 31, 2015 10:12 AM

**To:** Matthew Barvenik; Gray, Dara F

**Cc:** Mayer, Donald M

**Subject:** RE: Quarterly Reports

ShareFile Attachments	
Title	Size
FINAL Figure 1 - Site Location Plan.pdf	17.4 MB
FINAL Figure 2 - Site Plan.pdf	2.6 MB

FINAL Figure 3 - Q3-2014 Lower Hudson Valley Geologic Map.pdf	3.2 MB
FINAL Figure 4 - Q3 2014 Current and Potential Future SSC Source Locations.pdf	18.3 MB
FINAL Figure 4 - Q3 2014 Current and Potential Future SSC Source Locat...LY].pdf	7.7 MB
FINAL Figure 5A - Q3 2014 Longterm Transducer Monitoring Evaluation Map.pdf	16.6 MB
FINAL Figure 5A - Q3 2014 Longterm Transducer Monitoring Evaluation M...LY].pdf	7.6 MB
FINAL Figure 6 - Q3 2014 Rolling Average Tritium Activity Map.pdf	15.6 MB
FINAL Figure 6 - Q3 2014 Rolling Average Tritium Activity Map_[Reduced...LY].pdf	8.3 MB
FINAL Figure 6A - Q3 2014 Temporal Trends in Unit 2 Rolling Average Tri...aps.pdf	28.3 MB
FINAL Figure 6A - Q3 2014 Temporal Trends in Unit 2 Rolling Average Tri...LY].pdf	5.5 MB
FINAL Figure 6B - Q3-2014 Unit 2 Leak Collection Device Evaluation.pdf	7.9 MB
FINAL Figure 6B - Q3-2014 Unit 2 Leak Collection Device Evaluation_[Re...LY].pdf	2 MB
FINAL Figure 7 - Q3 2014 Rolling Average Strontium-90 Activity Map.pdf	16.4 MB
FINAL Figure 7 - Q3 2014 Rolling Average Strontium-90 Activity Map_[Re...LY].pdf	7.8 MB
FINAL Figure 7A - Q3-2014 Sr-90 Baseline Analysis - Unit 1 Defueling Eva...ion.pdf	6.4 MB
FINAL Figure 7A - Q3-2014 Sr-90 Baseline Analysis - Unit 1 Defueling Ev...LY].pdf	1.8 MB
FINAL Figure 8 - Q3 2014 Rolling Average Cesium, Cobalt, and Nickel A...Map.pdf	16.2 MB
FINAL Figure 8 - Q3 2014 Rolling Average Cesium, Cobalt, and Nickel Act...LY].pdf	10 MB
<a href="#">Download Attachments</a>	Melissa Moulton uses ShareFile to share documents securely. <a href="#">Learn More.</a>

Please attached figures.

Thank you,

**Melissa Moulton**

**Administrative Assistant**

GZA GeoEnvironmental, Inc.

249 Vanderbilt Avenue | Norwood, MA 02062

o: 781.278.5944

[Melissa.Moulton@gza.com](mailto:Melissa.Moulton@gza.com) | [www.gza.com](http://www.gza.com)

Follow us on:   



*This electronic message is intended to be viewed only by the individual or entity to which it is addressed and may contain privileged and/or confidential information intended for the exclusive use of the addressee(s). If you are not the intended recipient, please be aware that any disclosure, printing, copying, distribution or use of this information is prohibited. If you have received this message in error, please notify the sender immediately and destroy this message and its attachments from your system.*

---

For information about GZA GeoEnvironmental, Inc. and its services, please visit our website at [www.gza.com](http://www.gza.com).

---

**From:** Matthew Barvenik  
**Sent:** Tuesday, March 31, 2015 9:35 AM  
**To:** Gray, Dara F  
**Cc:** Mayer, Donald M; Melissa Moulton  
**Subject:** RE: Quarterly Reports

Hi,  
No problem – working on it  
mjb

**Matthew Barvenik, LSP**  
**Sr. Principal, Sr. VP**  
GZA GeoEnvironmental, Inc.  
249 Vanderbilt Ave. Norwood, MA 02062  
781-278 3805 (Direct) 781 278 3700 (Office)  
781 760 3862 (Cell) 781 278 5701 (Fax)  
[mbarvenik@gza.com](mailto:mbarvenik@gza.com)

*Celebrating 50 years of service*



**Proactive by Design.®** Our Company Commitment.

---

**From:** Gray, Dara F [<mailto:DGray@entergy.com>]  
**Sent:** Tuesday, March 31, 2015 9:27 AM  
**To:** Matthew Barvenik  
**Cc:** Mayer, Donald M  
**Subject:** RE: Quarterly Reports

Matt  
As you suggested, the NRC has decided that they would like to have the Qtr 3 report, if possible – so that they can use some figures etc for the new Supplement to the FSEIS that they are preparing.  
Thanks again.

*Dara Gray REM*  
**Chemistry/Environmental**  
**Indian Point Energy Center**  
**[Dgray@entergy.com](mailto:Dgray@entergy.com)**  
**914-254-8414**

---

**From:** Matthew Barvenik [<mailto:Matthew.Barvenik@gza.com>]  
**Sent:** Monday, March 30, 2015 4:13 PM

**To:** Gray, Dara F  
**Subject:** RE: Quarterly Reports

No problem

**Matthew Barvenik, LSP**

**Sr. Principal, Sr. VP**

GZA GeoEnvironmental, Inc.

249 Vanderbilt Ave. Norwood, MA 02062

781-278 3805 (Direct) 781 278 3700 (Office)

781 760 3862 (Cell) 781 278 5701 (Fax)

[mbarvenik@gza.com](mailto:mbarvenik@gza.com)

*Celebrating 50 years of service*



**Proactive by Design.®** Our Company Commitment.

---

**From:** Gray, Dara F [<mailto:DGray@entergy.com>]

**Sent:** Monday, March 30, 2015 3:56 PM

**To:** Matthew Barvenik; Glew Jr, William

**Cc:** Mayer, Donald M; Melissa Moulton

**Subject:** RE: Quarterly Reports

Thanks Matt

I will check back with NRC.

*Dara Gray REM*

**Chemistry/Environmental**

**Indian Point Energy Center**

**[Dgray@entergy.com](mailto:Dgray@entergy.com)**

**914-254-8414**

---

**From:** Matthew Barvenik [<mailto:Matthew.Barvenik@gza.com>]

**Sent:** Monday, March 30, 2015 3:36 PM

**To:** Gray, Dara F; Glew Jr, William

**Cc:** Mayer, Donald M; Melissa Moulton

**Subject:** RE: Quarterly Reports

**EXTERNAL SENDER. DO NOT click links if sender is unknown. DO NOT provide your user ID or password.**

Hi Dara,

We can get a copy prepared. Shouldn't be a problem, we have done this for them before.

One question, instead of Q2 14, should we provide the more recent Q3 2014– it should be on your website already.

**Matthew Barvenik, LSP**

**Sr. Principal, Sr. VP**

GZA GeoEnvironmental, Inc.

249 Vanderbilt Ave. Norwood, MA 02062

781-278 3805 (Direct) 781 278 3700 (Office)

781 760 3862 (Cell) 781 278 5701 (Fax)

[mbarvenik@gza.com](mailto:mbarvenik@gza.com)

*Celebrating 50 years of service*



**Proactive by Design.®** Our Company Commitment.

---

**From:** Gray, Dara F [<mailto:DGray@entergy.com>]

**Sent:** Monday, March 30, 2015 12:55 PM

**To:** Matthew Barvenik; Glew Jr, William

**Cc:** Mayer, Donald M

**Subject:** Quarterly Reports

PRIVILEGE AND CONFIDENTIAL

Hi Matt and Bill – the NRC is asking for a version of the 2<sup>nd</sup> qtr 2014 report that they can copy figures and tables from (see request below). So, I wanted to check with you and Bill to see if there were any concerns – legal or otherwise – with providing an unlocked copy.

Please let me know.

Thanks

**Would it be possible for us to get an unlocked copy of the second quarter 2014 groundwater monitoring report. The copy that is posted on the website (<http://www.safesecurevital.com/environment/reports.html>) is locked such that copying is disallowed. We would like to copy some of the figures and/or tables in the report for our SEIS supplement. If there is any issues with us getting a copy, please let me know.**

*Dara Gray REM*

**Chemistry/Environmental**

**Indian Point Energy Center**

**[Dgray@entergy.com](mailto:Dgray@entergy.com)**

**914-254-8414**

---

*This electronic message is intended to be viewed only by the individual or entity to which it is addressed and may contain privileged and/or confidential information intended for the exclusive use of the addressee(s). If you are not the intended recipient, please be aware that any disclosure, printing, copying, distribution or use of this information is prohibited. If you have received this message in error, please notify the sender immediately and destroy this message and its attachments from your system.*

---

For information about GZA GeoEnvironmental, Inc. and its services, please visit our website at [www.gza.com](http://www.gza.com).

---

*This electronic message is intended to be viewed only by the individual or entity to which it is addressed and may contain privileged and/or confidential information intended for the exclusive use of the addressee(s). If you are*

*not the intended recipient, please be aware that any disclosure, printing, copying, distribution or use of this information is prohibited. If you have received this message in error, please notify the sender immediately and destroy this message and its attachments from your system.*

---

*For information about GZA GeoEnvironmental, Inc. and its services, please visit our website at [www.qza.com](http://www.qza.com).*

---

*This electronic message is intended to be viewed only by the individual or entity to which it is addressed and may contain privileged and/or confidential information intended for the exclusive use of the addressee(s). If you are not the intended recipient, please be aware that any disclosure, printing, copying, distribution or use of this information is prohibited. If you have received this message in error, please notify the sender immediately and destroy this message and its attachments from your system.*

---

*For information about GZA GeoEnvironmental, Inc. and its services, please visit our website at [www.qza.com](http://www.qza.com).*

---

*This electronic message is intended to be viewed only by the individual or entity to which it is addressed and may contain privileged and/or confidential information intended for the exclusive use of the addressee(s). If you are not the intended recipient, please be aware that any disclosure, printing, copying, distribution or use of this information is prohibited. If you have received this message in error, please notify the sender immediately and destroy this message and its attachments from your system.*

---

*For information about GZA GeoEnvironmental, Inc. and its services, please visit our website at [www.qza.com](http://www.qza.com).*

---

*This electronic message is intended to be viewed only by the individual or entity to which it is addressed and may contain privileged and/or confidential information intended for the exclusive use of the addressee(s). If you are not the intended recipient, please be aware that any disclosure, printing, copying, distribution or use of this information is prohibited. If you have received this message in error, please notify the sender immediately and destroy this message and its attachments from your system.*

---

*For information about GZA GeoEnvironmental, Inc. and its services, please visit our website at [www.qza.com](http://www.qza.com).*



**Hearing Identifier:** IndianPointUnits2and3NonPublic\_EX  
**Email Number:** 5019

**Mail Envelope Properties** (C0A338EE37A11447B136119705BF9A3F028812860D96)

**Subject:** RE: Quarterly Reports  
**Sent Date:** 4/2/2015 8:57:37 AM  
**Received Date:** 4/2/2015 8:58:10 AM  
**From:** Wentzel, Michael

**Created By:** Michael.Wentzel@nrc.gov

**Recipients:**  
"Gray, Dara F" <DGray@entergy.com>  
Tracking Status: None

**Post Office:** HQCLSTR02.nrc.gov

<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>
MESSAGE	16019	4/2/2015 8:58:10 AM
image001.png	6466	
image002.png	948	
image003.png	1173	
image004.png	1707	
image005.jpg	4117	
image006.png	1385	
image007.png	1642	
image008.png	2434	
image009.jpg	4710	
image010.png	8980	
image011.png	8986	

**Options**  
**Priority:** Standard  
**Return Notification:** No  
**Reply Requested:** No  
**Sensitivity:** Normal  
**Expiration Date:**  
**Recipients Received:**























