

Parker, Bryan

From: Parker, Bryan
Sent: Wednesday, October 19, 2016 11:55 AM
To: 'MORONEY Jr, Roger'
Cc: 'christi.elam@siemens.com'
Subject: NRC Request for Additional Information
Attachments: PETNET 591632 and 633 RAI.docx

Hey Roger,

I am reviewing your request to update the effluent monitoring system for NRC License Nos. 41-32720-01 and 41-32720-02MD. I have a few items I need addressed in order to complete my review. Please see the items in the attached Request for Additional Information (RAI). If you have any questions, please contact me.

You may respond by e-mail by attaching a **signed PDF letter** back to me with your responses. Please mark it as "Additional Information for CNs 591632 and 591633".

Thanks.
Bryan

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Request for Additional Information

PETNET Solutions, Inc. - Knoxville, TN (CNs 591632 and 591633)

With regard to your letter dated August 1, 2016, please:

- 1) Please confirm that you will implement the manufacturer's calibration procedure and describe the frequency of the calibration;
- 2) Please identify the radionuclide(s) that will be used to calibrate the monitor, and describe how you will determine the activity of the nuclide(s) that is used (i.e., NIST-traceable, etc.); and
- 3) Please provide a calculation and/or other description regarding the MDA/MDC of the detector and how this compares to the 10 CFR Part 20 limits for air effluent concentration. Also, please indicate if these are "real-time" results.