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April 5, 2016

Todd Anthony Bianco Coordinator Rhode Island Energy Facility Siting Board 89 Jefferson Boulevard Warwick, RI 02888

Re:

Invenergy Thermal Development LLC – Clear River Energy Center

Docket No. SB-2015-06

Dear Mr. Bianco:

Enclosed for filing in this matter are an original and 10 copies of the Town of Burrillville's Second Set of Data Requests to Invenergy Thermal Development LLC. Electronic copies have been sent to the service list.

If you need any further information, please do not hesitate to contact me.

Very truly yours,

Michael R. McElroy

MRMc:tmg

cc:

Service List

Burrillville Invenergy EFSB Data Requests Set 2

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS ENERGY FACILITY SITING BOARD

IN RE: INVENERGY THERMAL DEVELOPMENT LLC's

APPLICATION TO CONSTRUCTION THE : DOCKET No. SB-2015-06

CLEAR RIVER ENERGY CENTER IN

BURRILLVILLE, RHODE ISLAND :

THE TOWN OF BURRILLVILLE'S SECOND SET OF DATA REQUESTS TO INVENERGY THERMAL DEVELOPMENT LLC

- Table 1 on Page 7 of Appendix A ("Transient Operation Noise Level Evaluation for the Clear River Energy Center", Michael Theriault Acoustics, Inc., March 2016) contains the expected near field sound pressure levels at various points along the air cooled condenser (ACC) duct during steam turbine bypass. Could you please explain the source or derivation of the values specifically associated with the following sources:
 - a. ACC Main Horizontal Ducts
 - b. ACC Riser Ducts
 - c. ACC Finger Ducts
 - d. HRH Steam Bypass Ducts
 - e. LP Steam Bypass Ducts
- 2-2 Will the facility use a steam jet air ejector or vacuum pumps for condenser vacuum hogging during start-up?
- 2-3 Will the steam turbine drains tank discharge directly into the vacuum of the ACC duct to preserve demineralized water or will it vent to atmosphere?
- Will either or both of the hot reheat (HRH) and low pressure (LP) bypasses join the ACC duct inside the turbine building or outside?
- What is the anticipated sound power level of each ACC fan? Is the make and model known at this point? If so, please identify the make and model.
- 2-6 The noise modeling analysis suggests that the best sound level that can be realized at Receptor M1 during a normal start-up is 46 dBA. Does that mean that Invenergy believes that compliance with the overall 43 dBA Town Ordinance (neglecting the octave band component) cannot be achieved?

Respectfully submitted, Town of Burrillville By its attorneys

Town Solicitor

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Date: April 5, 2016

CERTIFICATE OF SERVICE

I hereby certify that on the 5th day of April, 2016, I sent a copy of the foregoing to the attached service list.

Theresa Gallo

Burrillville Invenergy EFSB Data Requests Set 2

SB-2015-06 Invenergy CREC Service List as of 03/10/2016

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