STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

Phone: (860) 827-2935 Fax: (860) 827-2950

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www.ct.gov/csc

VIA ELECTRONIC MAIL

June 27, 2016

Josh Abrams
Doosan Fuel Cell America, Inc.
195 Governor's Highway
South Windsor, CT 06074

RE: **PETITION NO. 1235** – Doosan Fuel Cell America, Inc. petition for a declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for the construction, maintenance, and operation of a 440-kilowatt customer-side combined heat and power fuel cell facility to be located at Middletown High School, 200 La Rosa Lane, Middletown, Connecticut.

Dear Mr. Abrams:

The Connecticut Siting Council (Council) requests your responses to the enclosed questions no later than July 11, 2016. To help expedite the Council's review, please file individual responses as soon as they are available.

Please forward an original and 15 copies to this office, as well as send a copy via electronic mail. In accordance with the State Solid Waste Management Plan and in accordance with Section 16-50j-12 of the Regulations of Connecticut State Agencies the Council is requesting that all filings be submitted on recyclable paper, primarily regular weight white office paper. Please avoid using heavy stock paper, colored paper, and metal or plastic binders and separators. Fewer copies of bulk material may be provided as appropriate.

Yours very truly,

Melanie Bachman
Acting Executive Director

MB/RM

c: Dawn Mahoney, Esq., General Counsel, Doosan Fuel Cell America, Inc.
Council Members

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Petition No. 1235

Doosan Fuel Cell America, Inc.

Middletown High School

200 La Rosa Lane, Middletown, CT

Interrogatories

1. On page 2 of Doosan Fuel Cell of America, Inc.'s (Doosan) Petition (Petition) dated June 14, 2016, Doosan notes that the proposed fuel cell would provide backup power. In the event of a power outage, would the fuel cell first shut down and then automatically "black start" to restore power, or would it continue running seamlessly despite the loss of grid power (i.e. provide uninterruptible power)? Please explain.

2. Would the fuel cell facility also include the cooling module as indicated on back of the specifications sheet (Attachment B of the Petition)? What is the purpose of the cooling module and under what conditions would it operate? Was the cooling module factored into the noise analysis on page 5 of the Petition?

3. Please provide an Emergency Response Plan for the proposed facility in accordance with Public Act 11-101, An Act Adopting Certain Safety Recommendations of the Thomas Commission.

4. Please identify media to be used for pipe cleaning procedures at the proposed facility in accordance with Public Act 11-101, An Act Adopting Certain Safety Recommendations of the Thomas Commission.

5. Provide a site plan that depicts the proposed fuel cell's location, utility connections and other related project components such as cooling module, bollards, fencing, etc.

6. Would the proposed fuel cell be located within a 100-year or 500-year flood zone?

7. Does the Model 400 Fuel Cell being installed have full heat recovery capability? If so, does the emission data on page 5 account for full heat recovery?

8. Provide a table showing state criteria thresholds and projected emissions from the proposed facility for all greenhouse gasses listed in the Regulations of Connecticut State Agencies Section 22a-174-1(49).

9. When does Doosan anticipate commencement of construction and completion of the fuel cell facility? Provide anticipated construction hours.

10. Natural gas has sulfur dioxide injected as an odorant. Please submit a desulfurization plan narrative for the proposed fuel cell facility containing the following information:
    a) Chemical reaction overview concerning what substances are produced from the desulfurization process, as well as plans for their containment and transport;
    b) How much solid sulfur oxide would result from the desulfurization process, and methods and locations for containment, transport, and disposal;
    c) Whether any of these desulfurization substances are considered hazardous, and if so, plans for the containment, transport, and disposal of hazardous substances;
    d) Anticipated method of disposal for any other desulfurization substances; and
    e) Whether any gaseous substances resulting from desulfurization can be expected to vent from the fuel cells, as well as the applicable DEEP limits regarding discharge of these gasses.