



STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

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VIA ELECTRONIC MAIL

September 15, 2020

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

RE: **PETITION NO. 1406** - Doosan Fuel Cell America, Inc. petition for a declaratory ruling, pursuant to Connecticut General Statutes §4-176 and §16-50k, for the proposed construction, maintenance and operation of a grid-side 9.66-megawatt fuel cell facility and associated equipment to be located at 600 Iranistan Avenue, Bridgeport, Connecticut, and associated electrical interconnection to the United Illuminating Company's existing Congress Street Substation.

Dear Mr. Bonola:

The Connecticut Siting Council (Council) requests your responses to the enclosed questions no later than September 29, 2020. To help expedite the Council's review, please file individual responses as soon as they are available. At this time, consistent with the Council's policy to prevent the spread of Coronavirus, please submit an electronic copy only to siting.council@ct.gov. However, please be advised that the Council may later request one or more hard copies for records retention purposes.

Any request for an extension of time to submit responses to interrogatories shall be submitted to the Council in writing pursuant to §16-50j-22a of the Regulations of Connecticut State Agencies

Sincerely,

s/ Melanie A. Bachman

Melanie Bachman
Executive Director

MB/RM

Petition No. 1406
Doosan Fuel Cell America, Inc
NuPower Thermal Bridgeport

Interrogatories –Set Three

38. Referring to Interrogatory Response 14, what is the current status of the building and site plans as the Council intends to review the plans prior to making a decision on this Petition.
39. Referring to Interrogatory Response 22, what is the status of the design of the thermal loop? Given that this project requires a thermal loop component per PURA's decision 18-08-14 and Doosan has firm commitments for the use of fuel cell facility waste heat, does Doosan anticipate construction of the thermal loop at the same time as the fuel cell facility?
40. Referring to Interrogatory Response 34,
 - a) What is the anticipated commercial operation date of the fuel cell facility?
 - b) What is the anticipated commercial operation date of the thermal loop?
 - c) What "cure rights" would be assessed if the thermal loop does not come to fruition? Would the fuel cell facility have to be dismantled?
41. What type of thermal energy would be utilized/transmitted within the thermal loop? (both heat and hot water are mentioned)
42. Clarify the building elevation data in Interrogatory Response 15. It is not clear if the information is only for building elevations or elevations above grade. Additionally, this information was not included on the simple site plan provided in the petition. Do these elevations include the additional 2 feet of fill to raise the site above the 100 year flood zone?
43. Referring to Interrogatory Responses 21 & 36, can the building be redesigned/reoriented on the site parcel to create a larger buffer to Interstate 95 to reduce the potential for vapor plume and lighting effects on highway vehicles?
44. Referring to Interrogatory Responses 26, what is the additional cost, above the cost of the specified air-cooling modules, to install extra-quiet air-cooling modules at the time of construction?
45. Referring to the Department of Energy and Environmental Protection (DEEP) comments dated June 10, 2020, the comments indicate the air emission criteria within Table 1 on Petition p. 10 is not accurate. Please revise the table to include DEEP's current New Source Review emission permit criteria and the corresponding emission data from the proposed facility.