



Doosan Fuel Cell America, Inc.
195 Governor's Highway
South Windsor, CT 06074
T - 860 727 2200

January 20, 2017

**RE: PETITION NO. 1268- Response to Interrogatories;
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 460-kilowatt customer-side fuel cell facility to be located at the Unilever Research and Development Center building, 20 Merritt Boulevard, Trumbull, Connecticut**

Dear Siting Council,

Please find attached the responses to Council Interrogatories - (along with corresponding exhibits), requisitioned on 12/05/2016 for PE 1268 by the CT Siting Council.

Please be advised that Doosan submitted a Motion for Extension of Time to Respond on January 19, 2017 regarding Interrogatories number 1 and 9. Doosan will provide the responses to Interrogatories 1 and 9 as soon as we have the completed site plan and noise analysis report not later than February 17, 2017

Additional questions may be addressed to:

Claudio Borea
195 Governor's Highway
South Windsor, CT 06074
(860) 727-2076
Claudio.Borea@doosan.com

Sincerely,

Doosan Fuel Cell America, Inc.

Dawn Mahoney, Esq.
General Counsel
Doosan Fuel Cell America, Inc.

VIA ELECTRONIC MAIL

December 5, 2016

Dawn Mahoney, Esq.
General Counsel
Doosan Fuel Cell America Inc.
195 Governor's Highway
South Windsor, CT 06074

RE: PETITION NO. 1268 - 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 460-kilowatt customer-side combined heat and power fuel cell facility to be located at the Unilever Research and Development Center building, 20 Merritt Boulevard, Trumbull, Connecticut.

Dear Attorney Mahoney:

The Connecticut Siting Council (Council) requests your responses to the enclosed questions no later than December 23, 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.

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.

Yours very truly,

Melanie Bachman
Acting Executive Director

MB/CW

c: Council Members

Petition No. 1268
Doosan Fuel Cell America, Inc.
Unilever – 20 Merritt Blvd, Trumbull, CT

Interrogatories

1. Please provide a detailed, scaled site plan for the proposed facility including but not limited to, the dimensions and location of the proposed fuel cell facility, cooling module, concrete pads, fencing and/or other protection, and utility connections. If a fence is proposed, indicate if it would have anti-climb features. If bollards are not proposed, is the facility at risk from vehicle impact?
- R1. Doosan submitted a Motion for Extension of Time to Respond to the Siting Council on January 19, 2017, to request an extension to provide the detailed site map. Doosan will provide the detailed site map as soon as we have it completed not later than February 17, 2017. Regarding the second portion of this interrogatory, yes, while not required by the host facility, the project will have a fence; however, anti-climb features are not required. Bollards will be used to protect the facility from vehicles.
2. Would the proposed fuel cell shut down in the event of a power outage? If so, does it have “black start” capability and the ability to automatically restart?
- R2. When a utility grid outage occurs the power plant will automatically disconnect from the facility electrical system using an internal breaker. The power plant will continue to operate, providing all power required to operate the Model 400 internally. Upon return of the utility supply, the power plant will automatically reconnect to the grid after a 5 minute time-delay.
3. Could the facility continue operating during a power outage and provide seamless uninterruptable power?
- R3. When there is an outage of the utility grid, the selected loads for grid-independent operation can be powered by the fuel cell unit. The load will experience an interruption in power and must be powered up in sequence with load management. The grid-independent reconfiguration process takes approximately 10 seconds, during which time the customer load panel will lose power until the plant enters grid-independent operation mode.
4. Would the proposed fuel cell provide base load or backup power (or both) for the subject building? What percentage of the building’s energy usage would the proposed fuel cell facility provide? Would any surplus power be sold to the grid?
- R4. The proposed design will provide base load and back-up power for a portion of the facility. The facility will use net metering to account for fluctuations in the facility’s usage of electrical energy against the base loaded output of the fuel cell. Excess generation on an annual basis is not expected.
5. What is the operational life of the facility? Do the fuel cell media have to be changed? If so, at what intervals?
- R5. The product has a 20 year life with a projected 10-year overhaul for the fuel cell stacks and fuel processing system.
6. 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.

- R6. Please see Emergency Response Plan attached as Unilever -1 Doosan Fuel Cell Emergency Response Guide.
7. 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.
- R7. Atmospheric air under pressure is used – no solvents or cleaners will be used.
8. Which National Fire Protection Association or other codes and standards apply to fuel cell construction, installation and/or modifications?
- R8. ANSI FC-1 2014: American National Standard for Stationary Fuel Cell Power Systems. This certification calls out all codes and standards for stationary fuel cell applications.
9. Please provide additional noise analysis data to supplement the determination (Petition p. 5) that noise levels comply with DEEP criteria at the property boundaries.
- R9. Doosan filed a Motion for Extension of Time to Respond to this Interrogatory on January 19, 2017, and will provide the noise analysis report as soon as the analysis is completed not later than February 17, 2017.
10. What is the distance and direction to the nearest residence from the proposed fuel cell facility?
- R10. The nearest residential structure is approximately 275 yards Northwest of the facility location separated from the facility by Connecticut Route 8.
11. What is the municipal zoning of the host property? What surrounding land uses is adjacent to the host property?
- R11. Please see attached Unilever -3 2011 Zoning Map with a black circled dot representing the location of the proposed site. The map highlights that the facility is located in Industrial Zone I-L3. Adjacent to the host property is Residence Zone A.
12. What is the distance and direction of the proposed facility to the nearest airport? Does this type of installation require any notification to the Federal Aviation Administration in regards to facility exhaust plumes?
- R12. The nearest airport is Sikorsky Memorial Airport approximately 5.5 miles south of the facility. No notification is required to the Federal Aviation Administration. There will be no visible plume greater than 100' from the fuel cell. A plume of water vapor can be seen during the cold season on dry winter days that disperses well within 100' of the fuel cell.
13. Please provide a FEMA flood map showing the proposed facility. Would the proposed facility be within a FEMA designated 100-year or 500-year flood zone? If so, could the proposed facility be raised to one foot above the 100-year flood zone?
- R13. Please see attached Unilever -4 Flood Zone Map with a black circled dot representing the location of the proposed site. The map highlights that the fuel cell facility is located outside the 100-year and 500-year flood zones.

14. Is the proposed facility within a Department of Energy and Environmental Protection-designated Aquifer Protection Area?

R14. No, as Trumbull is a town without an Aquifer Protection Area and a map is not available for this town.

15. Provide the distance and direction of the nearest wetland from the proposed installation.

R15. The nearest wetland to the proposed facility is Beaver Dam Lake which is approximately 670 yards in a North East direction.

16. In regards to Petition p. 5, Table 1, do the CT Emissions Standards listed pertain only to facilities installed on/before April 30, 2012? If so, please revise.

R16. The CT Emissions Standards listed on the Petition are outdated. The correct standards are summarized below in the table.

	State Emission Standards (lb/MWh)
NO _x	0.15
CO	1
CO ₂	1650

17. What operational mode will be used (Power or ECO) at the site? Do the PureCell emission rates listed in Table 1 on Petition p. 5 reflect the selected operational mode?

R17. This project is deploying the fuel cells at 460kW; therefore, Power mode will be used. The CO₂ emissions cited on the Petition was mistakenly entered as the 998 lbs/MWh. The CO₂ emissions for Power (460kW) mode with heat recovery estimated at 25% (overall efficiency of 58%-LHV) is 899 lb/MWh. Please see table below for all emissions for Power mode.

	PureCell® Output with heat (lb/MWh)
NO _x	0.01
CO	0.02
VOC	0.02
CO ₂	899

18. Why is the air emission data on the Purcell Model 400 datasheet based on facility operation at 440 kW? What are the air emission rates for facility operation at 460 kW?

R18. Emissions data reflected on our datasheet, which is sales literature, uses the best case scenario for efficiency (440kW) and an assumed heat recovery of 50% of the total MMBtu's available. This project is deploying the fuel cell at 460kW. The air emission rates for operating at 460kW are shown in the table below. The proposed facility will utilize the heat from the unit therefore the output with heat column will be relevant to this project.

Table 1: PureCell® Model Emissions Data

	PureCell® Output electric only (lb/MWh)	PureCell® Output with heat (lb/MWh)
NO _x	0.01	0.01

CO	0.02	0.02
VOC	0.02	0.02
CO ₂	1038	899

19. Would methane (CH₄) be emitted from the proposed fuel cell facility?

R19.No, methane is not emitted from the fuel cell unit.

20. What was the ISO New England, Inc. eGRID fossil fuel output emission rate for CO₂ (lbs/per megawatt-hour) used to determine 210 metric tons of carbon emissions would be offset annually from operation for the facility? Does the 210 metric tons include the ECO or Power operational mode?

R20 For Connecticut, Doosan uses the NEW E eGRID sub region fossil fuel CO₂ output emission rate of 980.27 lb/MWh and the 9.17% Grid Loss factor for the Eastern U.S. region
The result is a total CO₂ output emission rate of 1,070 lb/MWh for the NEW E region. Additional CO₂ offsets for displacing heating fuel is calculated based on an avoided heat efficiency of 80% using natural gas with a CO₂ content of 53.06kg/MMBtu. Using an estimated 25% of total available heat (1.75MMBtu/hr) to complement the grid offset results in an estimated total CO₂ emissions offset of 646 metric tons per year.

21. Does the amount of phosphoric acid in the fuel cell comply with the applicable state and federal regulations?

R21. The amount does comply with the State and Federal regulations. Phosphoric acid is bound within a solid matrix within the fuel cell stacks and the quantity is proprietary.

22. 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.

R22. Please see the attached Unilever -4 Doosan's desulfurization Memorandum.

R22a. The Model 400desulfurizer system removes sulfur used as an odorant in natural gas. Sulfur is converted to zinc-sulfide, a non-hazardous waste, within the desulfurizer and remains there until an overhaul is required, nominally after 10 years. At no time is sulfur or zinc-sulfide accessible or removed during the operation or service of the fuel cell. When the desulfurized system is overhauled, it is sealed and transported back to the manufacturing facility for recycling.

R22b. There is no solid sulfur oxide result from the desulfurization process; all natural gas odorant, as noted above, converts to zinc-sulfide and remains sealed within the fuel cell.

R22c. The by-product, zinc-sulfide, is sealed within the fuel cell system, and as noted above, when the desulfurized system is overhauled, it is sealed and transported back to the manufacturing facility for recycling.

R22d. As noted above, the only by-product is zinc-sulfide, which is transported back to the manufacturing facility for recycling.

R22e. No gaseous substances resulting from desulfurization are expected to vent from the fuel cell – as noted above, the desulfurization process is sealed within the fuel cell system.

23. If the proposed facility is approved, approximately when would construction commence and when is it expected to be completed and operational? What are the expected typical work hours and days of the week that construction would occur?

R23. We plan to start construction work by the end of April 2017. The work is to be completed and commissioned by the end of October 2017. Regular work hours are Monday through Friday 7:00am to 5:00pm.

24. Provide a decommissioning plan for the proposed facility.

R24. The decommissioning plan is as follows:

1 – Isolate, lock out and disconnect all piping for cooling module at the Power module. Remove gas piping to the unit. Disconnect nitrogen purge system at power module.

2 – Disconnect all electrical conductors and conduit at the unit to include electrical power, ACM power, nitrogen pressure switch, RMS power and RMS ethernet. Shore power to be maintained to the unit to maintain temperature as needed.

3 – Contractor will work in concert with Doosan Service Dept. personnel during decommissioning and shutdown.

4 – Contractor to supply rigging labor and equipment including crane service sufficient to safely lift unit and place on Doosan supplied flatbed truck. Contractor to supply labor to install travel tarp (Doosan supplied) on unit prior to being transported.

5 – Return facility to original condition with the exception of the concrete pads.

25. Please confirm the owner of the host property was provided notice of the proposed project and provide information regarding certified mail receipts for all recipients that were provided notice including the property owner, abutting property owners, state agencies, and state and local public officials.

R25a. Notice was provided to all property owners, abutters and state and local officials as required by RCSA §16-50j-40. Doosan certified notice was provided via US First Class Mail to all property owners and abutters on October 25, 2016 as required by RCSA §16-50j-40. Doosan did not receive any returned mail on any of these notices. In an abundance of caution, Doosan sent notice again via Certified Mail, Return Receipt Requested to all abutters on December 20, 2016. Please see attached Unilever – 5

Certified Mail Receipts to all property owners, abutters, state and local officials requested by RCSA §16-50j-40.

ATTACHMENTS

UNILEVER -1

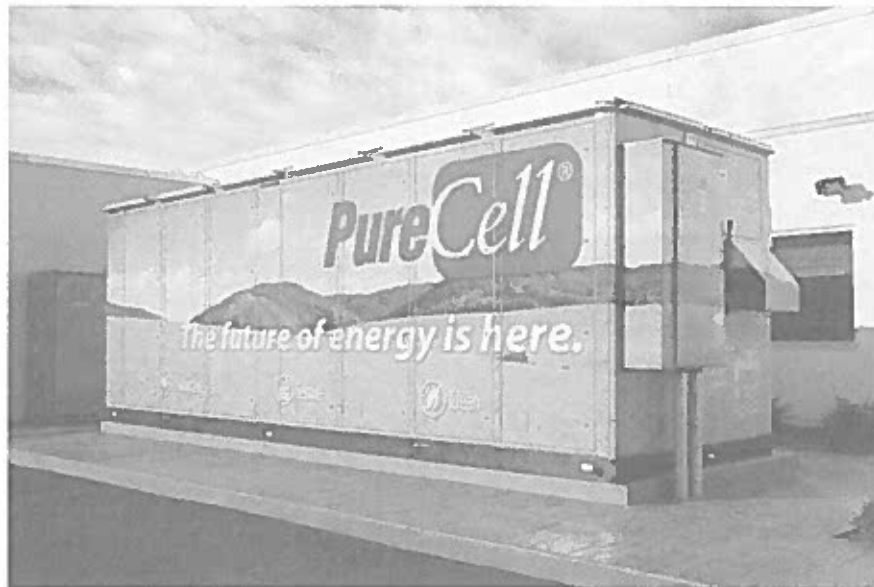
DOOSAN FUEL CELL AMERICA, INC

FUEL CELL EMERGENCY RESPONSE GUIDE



Doosan Fuel Cell America, Inc. Fuel Cell Emergency Response Guide

Unilever Home & Personal Care
55 Merritt Blvd,
Trumbull, CT 06611



DISCLAIMER

Doosan Fuel Cell America reserves the right to change or modify, without notice, the design or equipment specifications of the PureCell® system Model 400 without obligation with respect to equipment either previously sold or to be sold. This guide is provided by Doosan Fuel Cell America, and no liability will accrue to Doosan Fuel Cell America based on the information or specifications included herein. No warranties or representations are made by this guide and no warranties or representations shall apply to the equipment except as stated in Doosan Fuel Cell America's standard terms and conditions of sale applicable at the time of purchase, a copy of which will be provided upon request. The Model 400 is designed to provide safe and reliable service when operated within design specifications, according to all applicable instructions, and with the appropriate operating materials. When operating this equipment, use good judgment and follow safety precautions to avoid damage to equipment and property or injury to personnel. Be sure to understand and follow the procedures and safety precautions contained in all applicable instructions, operating materials, and those listed in this guide. All information in this document is as of May 30, 2015.

COPYRIGHTED WORK © DOOSAN FUEL CELL AMERICA. THIS DOCUMENT CONTAINS THE PROPERTY OF DOOSAN FUEL CELL AMERICA. YOU MAY NOT POSSESS, USE, COPY OR DISCLOSE THIS DOCUMENT OR ANY INFORMATION IN IT FOR ANY PURPOSE, INCLUDING WITHOUT LIMITATION TO DESIGN, MANUFACTURE, OR REPAIR PARTS, WITHOUT EXPRESS WRITTEN PERMISSION. NEITHER RECEIPT FROM ANY SOURCE, NOR POSSESSION OF THIS DOCUMENT, CONSTITUTES SUCH PERMISSION. POSSESSION, USE, COPYING OR DISCLOSURE BY ANYONE WITHOUT EXPRESS WRITTEN PERMISSION OF DOOSAN FUEL CELL AMERICA CORPORATION IS NOT AUTHORIZED AND MAY RESULT IN CIVIL LIABILITY.



Policy

The following plan has been developed to minimize the severity of damage to human health, the environment, and property in the event of an unexpected failure.

Scope

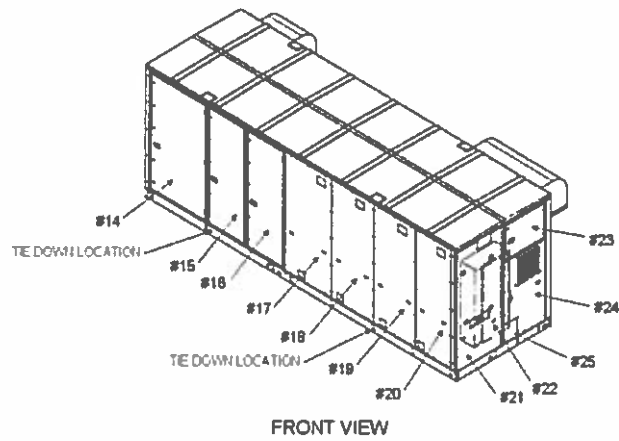
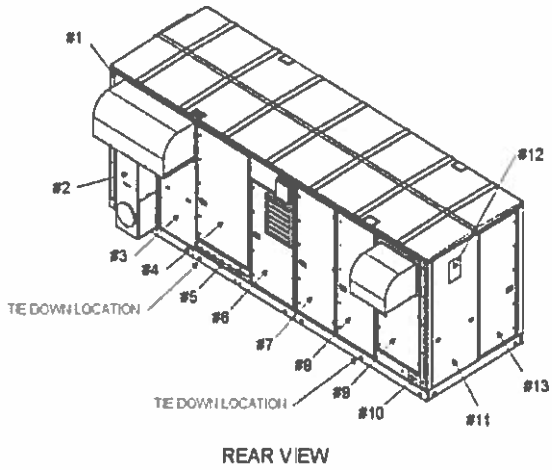
This Emergency Response Guide shall be integrated into the site Emergency Response Plan. Information contained in this document shall be customized to meet local requirements and shall be shared with local responders as necessary. This guide is only a template and in no way assumes or transfers liability or ownership. Doosan Fuel Cell America should be contacted if clarification is needed.

Emergency Contacts and Numbers

Local Emergency Number	911
Doosan Fuel Cell America Control Center	(860) 727-2847
Clean Harbors Emergency Cleanup Response	(800) 645-8265
Fire Department – Non-emergency number	Trumbull Fire Department (203) 459-0159
Hospital – Non-emergency number	Park Avenue Medical Center 5520 Park Avenue, Trumbull, CT 06611 203-261-7262
Electric Utility Name: United Illuminating Company	800-722-5584
Gas Utility Name: Southern Connecticut Gas	800-659-8299
Local Oil & Chemical Spill Response Division	800-645-8265
EPA - Environmental Protection Agency Region 1	(800) 424-8802 Environmental Emergency
OSHA - Occupational Safety and Health Admin. Emergency Number	(800) 321-6742 National Emergency Number
Poison Control Center	(800) 222-1222 National Emergency Number



Fuel Cell Hazard Overview



480 V Grid Disconnect



Emergency Stop Button

COPYRIGHTED WORK © DOOSAN FUEL CELL AMERICA. THIS DOCUMENT CONTAINS THE PROPERTY OF DOOSAN FUEL CELL AMERICA. YOU MAY NOT POSSESS, USE, COPY OR DISCLOSE THIS DOCUMENT OR ANY INFORMATION IN IT FOR ANY PURPOSE, INCLUDING WITHOUT LIMITATION TO DESIGN, MANUFACTURE, OR REPAIR PARTS, WITHOUT EXPRESS WRITTEN PERMISSION. NEITHER RECEIPT FROM ANY SOURCE, NOR POSSESSION OF THIS DOCUMENT, CONSTITUTES SUCH PERMISSION. POSSESSION, USE, COPYING OR DISCLOSURE BY ANYONE WITHOUT EXPRESS WRITTEN PERMISSION OF DOOSAN FUEL CELL AMERICA CORPORATION IS NOT AUTHORIZED AND MAY RESULT IN CIVIL LIABILITY.



Rear View Panel	Primary Hazard	Front View Panel	Primary Hazard
1 (Computer Terminal)	Electrical = 120 VAC	14 (Reformer)	Electrical = 480 VAC Chemical = Air sensitive catalyst / combustibles Thermal = 600°F Reformer Pressure = 150 psi steam
2 (Air Conditioner)	Electrical = 480 VAC Chemical = Refrigerant	15 (Reformer)	Electrical = 480 VAC Chemical = Air sensitive catalyst / combustibles Thermal = 600°F Reformer Pressure = 150 psi steam
3 (Swing Door)	Electrical = 480 VAC	16 (Reformer)	Electrical = 480 VAC Chemical = Air sensitive catalyst / combustibles Thermal = 600°F Reformer Pressure = 150 psi steam
4 (Mechanical Entry)	Electrical = 480 VAC Chemical = Propylene Glycol Thermal = 350°F Steam Pressure = 150 psi Steam	17 (DC Cell Stack)	Electrical = 300 VDC Chemical = Solid phosphoric acid / combustibles
5 (Mechanical Entry)	Chemical = Propylene Glycol Thermal = 350°F Steam Pressure = 150 psi Steam	18 (DC Cell Stack)	Electrical = 300 VDC Chemical = Solid phosphoric acid / combustibles
6 (TMS)	Electrical = 480 VAC Chemical = Propylene Glycol / Deionized Water / Resin Thermal = 350°F Steam Pressure = 150 psi Steam	19 (DC Cell Stack)	Electrical = 300 VDC Chemical = Solid phosphoric acid / combustibles
7 (ILS)	Electrical = 480 VAC Chemical = Air sensitive catalyst / combustibles Thermal = 600°F Reformer Pressure = 150 psi steam	20 (DC Cell Stack)	Electrical = 300 VDC Chemical = Solid phosphoric acid / combustibles
8 (Fuel Processing Area)	Electrical = 480 VAC Chemical = Air sensitive catalyst / combustibles Thermal = 600°F Reformer Pressure = 150 psi steam	21	Not accessible
9 (Fuel Processing Area)	Electrical = 480 VAC Chemical = Air sensitive catalyst / combustibles Thermal = 600°F Reformer Pressure = 150 psi steam	22 (Grid Connect Disconnect)	Electrical = 480 VAC
10 (Gas/Nitrogen Inlet)	Chemical = combustibles	23 (Blower 110)	Electrical = 300 VDC Mechanical = Blower
11 (Reformer)	Electrical = 480 VAC Chemical = Air sensitive catalyst / combustibles Thermal = 600°F Reformer Pressure = 150 psi steam	24 (Inverter)	Electrical = 1400 VDC / 480 VAC
12 (Reformer)	Electrical = 480 VAC Chemical = Air sensitive catalyst / combustibles Thermal = 600°F Reformer Pressure = 150 psi steam	25 (Grid Independent Circuit)	Electrical = 480 VAC
13 (Reformer)	Electrical = 480 VAC Chemical = Air sensitive catalyst / combustibles Thermal = 600°F Reformer Pressure = 150 psi steam	ALL Roof Panels	Multiple Hazards DO NOT WALK ON ROOF!

COPYRIGHTED WORK © DOOSAN FUEL CELL AMERICA. THIS DOCUMENT CONTAINS THE PROPERTY OF DOOSAN FUEL CELL AMERICA. YOU MAY NOT POSSESS, USE, COPY OR DISCLOSE THIS DOCUMENT OR ANY INFORMATION IN IT FOR ANY PURPOSE, INCLUDING WITHOUT LIMITATION TO DESIGN, MANUFACTURE, OR REPAIR PARTS, WITHOUT EXPRESS WRITTEN PERMISSION. NEITHER RECEIPT FROM ANY SOURCE, NOR POSSESSION OF THIS DOCUMENT, CONSTITUTES SUCH PERMISSION. POSSESSION, USE, COPYING OR DISCLOSURE BY ANYONE WITHOUT EXPRESS WRITTEN PERMISSION OF DOOSAN FUEL CELL AMERICA CORPORATION IS NOT AUTHORIZED AND MAY RESULT IN CIVIL LIABILITY.



Conditional Assessment

Normal Condition	Potential Abnormal Condition	Response
Fuel Cell White steam exiting power plant at exhaust chimney, above panel #6 (It can be a large amount of white steam depending on ambient conditions)	Dark colored smoke exiting chimney or any other part of enclosure	1. Establish safe perimeter 2. Contact Doosan Fuel Cell America Control Center (860) 727-2847
	Observable fire or heavy smoke at any point on fuel cell	1. Press Fuel Cell 'Stop Button' – Only if safely accessible! 2. Dial 911 or Local Emergency Response Number 3. Establish safe perimeter 4. Contact Doosan Fuel Cell America Control Center (860) 727-2847
Fuel Cell Moderate humming, clicking and fan sounds	Grinding or loud intermittent noises	1. Contact Doosan Fuel Cell America Control Center (860) 727-2847
	Observable fire or heavy smoke at any point on fuel cell	1. Press Fuel Cell 'Stop Button' – Only if safely accessible! 2. Dial 911 or Local Emergency Response Number 3. Establish safe perimeter 4. Contact Doosan Fuel Cell America Control Center (860) 727-2847
Cooling Module Fan humming	Smoke or fire coming from module	1. Press Fuel Cell 'Stop Button' – Only if safely accessible! 2. Dial 911 or Local Emergency Response Number 3. Establish safe perimeter 4. Contact Doosan Fuel Cell America Control Center (860) 727-2847
	Grinding or loud noise coming from fans	1. Contact Doosan Fuel Cell America Control Center (860) 727-2847
Cooling Module No leaking from cooling loop piping or coils	Small leak dripping from joint, valve or connection	1. Contact Doosan Fuel Cell America Control Center (860) 727-2847
	Medium to large leak	1. Follow local spill response protocol or contact Clean Harbors Emergency Cleanup Response (800) 645-8265 2. Contact Doosan Fuel Cell America Control Center (860) 727-2847
Mechanical Hi/Lo Grade Piping Small amounts of condensate dripping from piping	Small leak dripping from joint, valve or connection	1. Contact Doosan Fuel Cell America Control Center (860) 727-2847
	Medium to large leak	1. Follow local spill response protocol or contact Clean Harbors Emergency Cleanup Response (800) 645-8265 2. Contact Doosan Fuel Cell America Control Center (860) 727-2847
Disconnects/Other Equipment No leaks or smoke	Smoke or fire coming from equipment	1. Dial 911 or Local Emergency Response Number 2. Establish safe perimeter 3. Contact Doosan Fuel Cell America Control Center (860) 727-2847

COPYRIGHTED WORK © DOOSAN FUEL CELL AMERICA. THIS DOCUMENT CONTAINS THE PROPERTY OF DOOSAN FUEL CELL AMERICA. YOU MAY NOT POSSESS, USE, COPY OR DISCLOSE THIS DOCUMENT OR ANY INFORMATION IN IT FOR ANY PURPOSE, INCLUDING WITHOUT LIMITATION TO DESIGN, MANUFACTURE, OR REPAIR PARTS, WITHOUT EXPRESS WRITTEN PERMISSION. NEITHER RECEIPT FROM ANY SOURCE, NOR POSSESSION OF THIS DOCUMENT, CONSTITUTES SUCH PERMISSION. POSSESSION, USE, COPYING OR DISCLOSURE BY ANYONE WITHOUT EXPRESS WRITTEN PERMISSION OF DOOSAN FUEL CELL AMERICA CORPORATION IS NOT AUTHORIZED AND MAY RESULT IN CIVIL LIABILITY.



Compressed Gas Manifold (N2/H2) No leaks, May hear intermittent gas flow during purges	Leaks – may be able to hear hissing sound.	<ol style="list-style-type: none"> If Indoors – Evacuate Immediately! Dial 911 or Local Emergency Response Number Establish safe perimeter Contact Doosan Fuel Cell America Control Center (860) 727-2847
--	--	---

Fuel Cell Related Material Safety Data Sheets (MSDS)

1. Propylene Glycol – DowFrost®
2. Phosphoric Acid – Solid
3. Reformer/ILS Catalysts
4. Anion/Cation Resin
5. Nitrogen / Hydrogen Compressed Gas Mixture (non-flammable)

Inspections

Inspection Type	Equipment Requirements	Frequency Required
General Maintenance	Laptop, Service Vehicle	Monthly
General Housekeeping	N/A	Monthly
Waste and Chemical Storage*	N/A	Weekly
Internal Combustible Gas Monitor	AT-160 Calibration Kit	Annual
Fire Prevention	N/A	Monthly

*When applicable

Fuel Cell operation is monitored and controlled remotely 24 hours a day 7 days a week by the Doosan Fuel Cell America Control Center. Upset or abnormal occurrences outside of normal operating parameters are immediately identified and service technicians are dispatched within 24 hours to respond when required.

Emergency Procedures

Alarms	There are no audible or visual alarms on Fuel Cell. Alarm conditions are relayed immediately to the Doosan Fuel Cell America Control Center. The Doosan Fuel Cell America Control Center will then contact the appropriate site personnel on the site's emergency contact list.
Emergency Shut Down Onsite	Actuate Fuel Cell Stop Button
Emergency Area Egress - Gas Odor	Evacuate 330 Feet in all directions
Emergency Area Egress - Fire	Evacuate 330 Feet in all directions – CV000 automatic natural gas supply shut off
Emergency Egress - General	Fuel cell is unmanned remotely monitored and controlled. No Doosan Fuel Cell America employees attending unit unless service or maintenance is required.

COPYRIGHTED WORK © DOOSAN FUEL CELL AMERICA. THIS DOCUMENT CONTAINS THE PROPERTY OF DOOSAN FUEL CELL AMERICA. YOU MAY NOT POSSESS, USE, COPY OR DISCLOSE THIS DOCUMENT OR ANY INFORMATION IN IT FOR ANY PURPOSE, INCLUDING WITHOUT LIMITATION TO DESIGN, MANUFACTURE, OR REPAIR PARTS, WITHOUT EXPRESS WRITTEN PERMISSION. NEITHER RECEIPT FROM ANY SOURCE, NOR POSSESSION OF THIS DOCUMENT, CONSTITUTES SUCH PERMISSION. POSSESSION, USE, COPYING OR DISCLOSURE BY ANYONE WITHOUT EXPRESS WRITTEN PERMISSION OF DOOSAN FUEL CELL AMERICA CORPORATION IS NOT AUTHORIZED AND MAY RESULT IN CIVIL LIABILITY.



Signage and Labeling

External service lines will be clearly identified. Labeling will be in accordance with ANSI A13.1. Labeling will be similar to example below:



Perimeter fencing will have signage clearly identifying that "No smoking, no ignition sources" on every side of the fence. Signage will be similar to the sign below:





General

Safety Hazard Analysis

The PureCell® Model 400 fuel cell system has been designed to meet strict ANSI/CSA safety standards to protect against risks from electrical, mechanical, chemical, and combustion safety hazards. The following items are a few of the safety measures incorporated into the design.

Fire Detection and Protection:

The power plant design incorporates a combustible gas sensor as well as thermal fuses located throughout the power module cabinet to detect fire. The detection of a potential flammable gas mixture, a fire, or the failure of this detection circuit will result in a power plant shutdown and a subsequent inert gas (nitrogen) purge of the fuel cell stack and fuel processing system. This event will also result in an alarm callout notification to Doosan Fuel Cell America service personnel. The power plant is designed with an integral emergency-stop button on the outside of the enclosure to enable immediate shutdown in the event of an emergency. There is also a gas shut-off valve and electrical disconnect switch easily accessible to emergency personnel. There are no restrictions for type of fire suppression equipment.

Gas Leak:

Augmenting the internal combustible gas sensor, the power plant also monitors the flow rate of natural gas. If the gas flow rate exceeds the equivalent power production of the power plant then a shutdown will result. The largest possible accumulation from a leak prior to shutdown is below combustible limits. Fuel valves inside the power plant are "fail safe" and will return to their normally closed position upon loss of power. The power plant is designed to have a physical barrier that separates the equipment handling combustible gases (fuel compartment) from electrical or potential spark-creating equipment (motor compartment). The fuel compartment is kept at a negative pressure to contain and remove any potential gas leaks, whereas the motor compartment is pressurized by a fan source to prevent combustible gases from entering.

Hydrogen:

Hydrogen is lighter than air and thus does not pool like other fuels and will readily dissipate with proper ventilation making it less likely to ignite. Although hydrogen has low self-ignition characteristics, the fuel in the power plant is not pure hydrogen. Also, the power plant is not producing or storing hydrogen, it consumes hydrogen-rich gas equal to what it requires to produce power. The fuel cell stack is wrapped in a fire retardant blanket. There are no materials inside the unit that would sustain a flame. There is no large volume of gas or any ignition that occurs within the cell stack.

Phosphoric Acid:

Phosphoric acid is integral part of the fuel cell system, acting as the electrolyte within the fuel cell stack. Phosphoric acid is a surprisingly common substance that is contained in common cola drinks. A leak of phosphoric acid is not possible because phosphoric acid is not in liquid form once applied in the equipment. There is no reservoir of liquid. Phosphoric acid is contained in the porous structure of the fuel cell stack material by capillary action, similar to how ink is absorbed into a blotter.

Fluid Leak:

The only fluid source is water. All pressurized water vessels are designed to ASME boiler codes and inspected annually. All piping, welds, etc. meet pressurized piping standards. Water produced through the electrochemical process is "pure" water and is reclaimed and reused by the process. The other source of water is water used in the external cooling module, which is mixed with a polypropylene glycol and a rust inhibitor to prevent rust and freezing in colder climates.

Hazardous Waste:

The fuel cell does not produce any hazardous waste. Standard Material Safety Data Sheets (MSDS) are available upon request.

UNILEVER -2

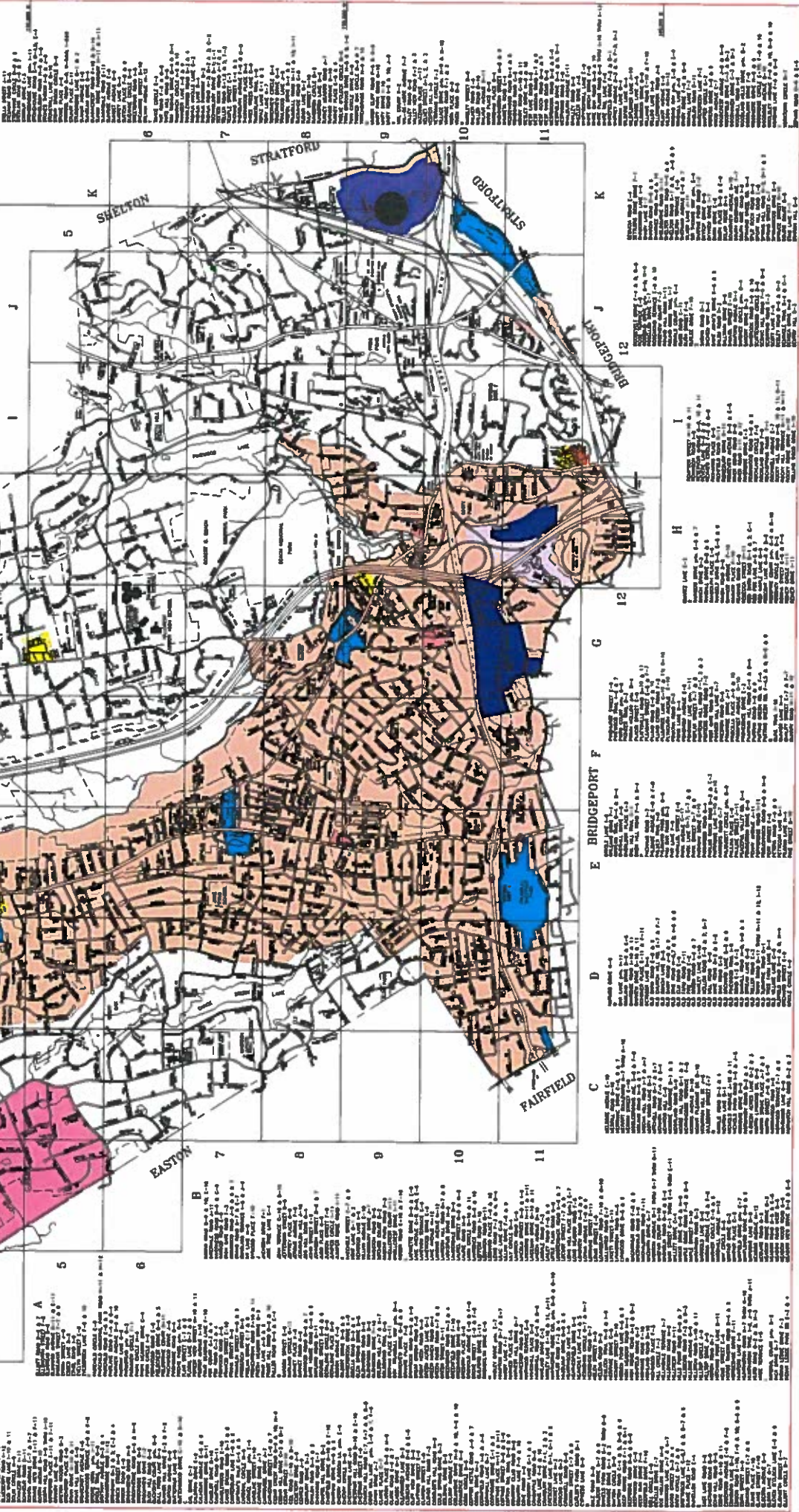
***2011 ZONING MAP OF GENERAL AREA
DEPICTING SITE LOCATION***

MAP OF TRUMBULL CONNECTICUT ZONING MAP

DATE: 11/15/01
 SHEET: 1 OF 1

- | | |
|---------------------|--------------------------|
| RESIDENCE ZONE AAA | RESIDENCE ZONE PR1C2 |
| RESIDENCE ZONE AA | COMMERCIAL ZONE B-C |
| RESIDENCE ZONE A | LONG HILL GREEN ZONE B-C |
| RESIDENCE ZONE A1C2 | INDUSTRIAL ZONE I-L |
| RESIDENCE ZONE HD | INDUSTRIAL ZONE I-L2 |
| RESIDENCE ZONE PM2 | INDUSTRIAL ZONE I-L3 |

Proposed Fuel Cell Location



SCALE: 1" = 100'

1 2 3 4 5 6 7 8 9 10 11 12

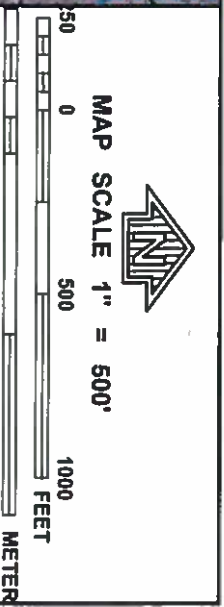
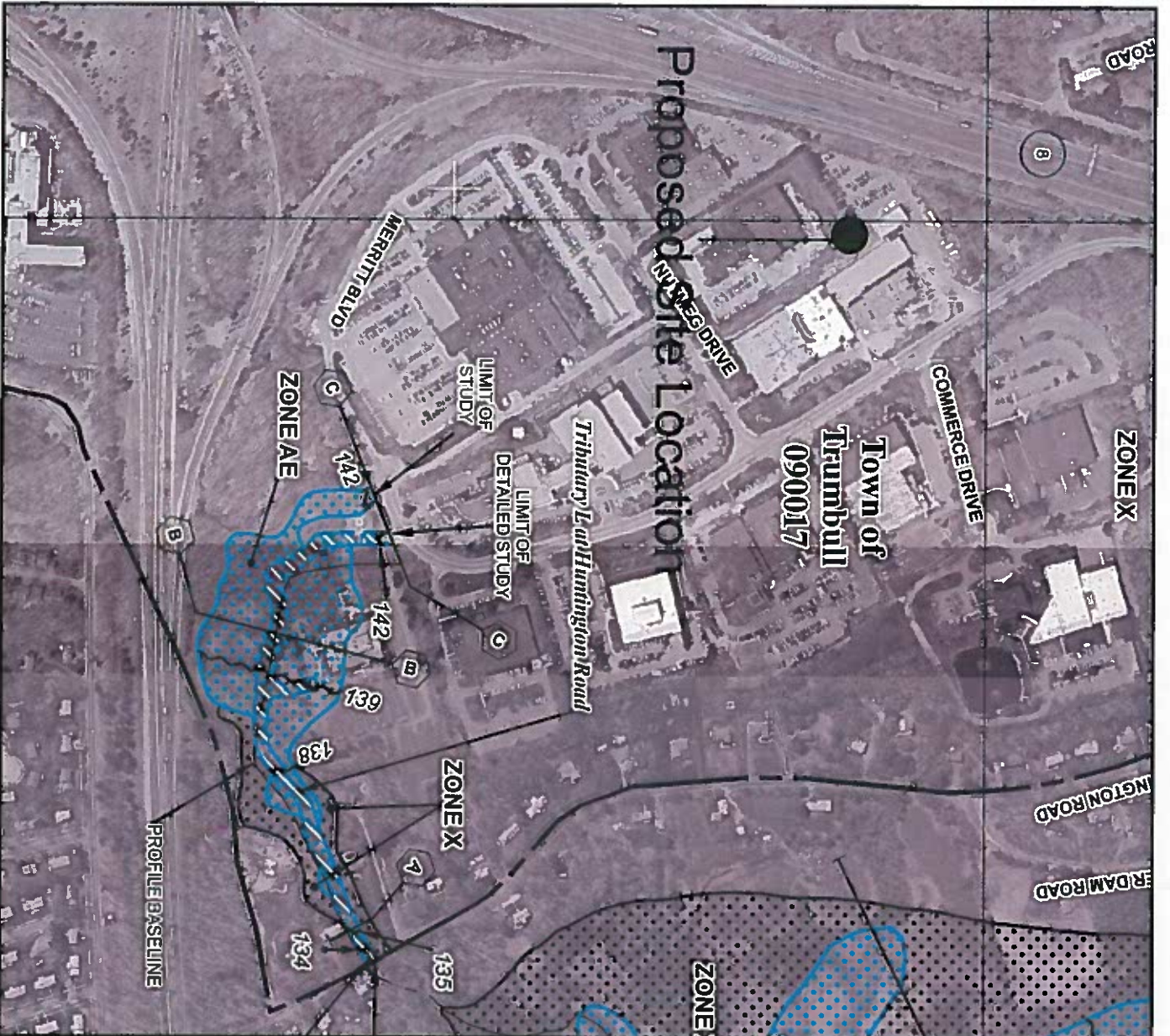
A B C D E F G H I J K

100' 200' 300' 400' 500' 600' 700' 800' 900' 1000'

100' 200' 300' 400' 500' 600' 700' 800' 900' 1000'

UNILEVER -3

***FLOOD ZONE MAP WITH BLACK DOT SHOWING
LOCATION OF PROPOSED SITE***



NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP
FAIRFIELD COUNTY,
CONNECTICUT
(ALL JURISDICTIONS)

PANEL 0432F

PANEL 432 OF 626
 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
STRAVORD, TOWN OF	090016	0432	F
TRUMBULL, TOWN OF	090017	0432	F

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.

MAP NUMBER
09001C0432F

EFFECTIVE DATE
JUNE 18, 2010

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-AIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.fema.gov

UNILEVER -4

DOOSAN'S DESULFURIZATION MEMORANDUM

PureCell Model 400 Fuel Processing System (FPS)

The FPS converts pipeline-quality natural gas into hydrogen reformat – a hydrogen-rich gas that is delivered to the anode side of the fuel cell stacks. This module includes a condenser to recover water generated in the fuel cell reaction by condensing water vapor from the process exhaust. This eliminates the need for makeup water under most operating conditions. The recovered water is used in the steam reformation process. The main components of the FPS include the following:

Hydro-Desulfurizer

The desulfurizer system removes sulfur used as an odorant in natural gas, which is a poison to the catalysts used in the fuel cell systems. Sulfur is converted to zinc-sulfide, a non-hazardous waste, within the desulfurizer and remains there until an overhaul is required, nominally after 10 years. This system will also remove small amounts of oxygen in the gas.

Steam Reformer

Steam (H₂O) generated in the cell stack cooling loop of the TMS is combined in the reformer with methane (CH₄) in the natural gas to generate a gas composed of hydrogen (H₂), carbon monoxide (CO), and carbon dioxide (CO₂).



Equation 1

Integrated Low-Temperature Shift Converter

The integrated low-temperature shift converter (ILS) generates additional hydrogen through a water-gas reaction in which CO and water is converted to hydrogen and CO₂. The reduced CO content minimizes its adverse effect on fuel cell stack performance.



Equation 2

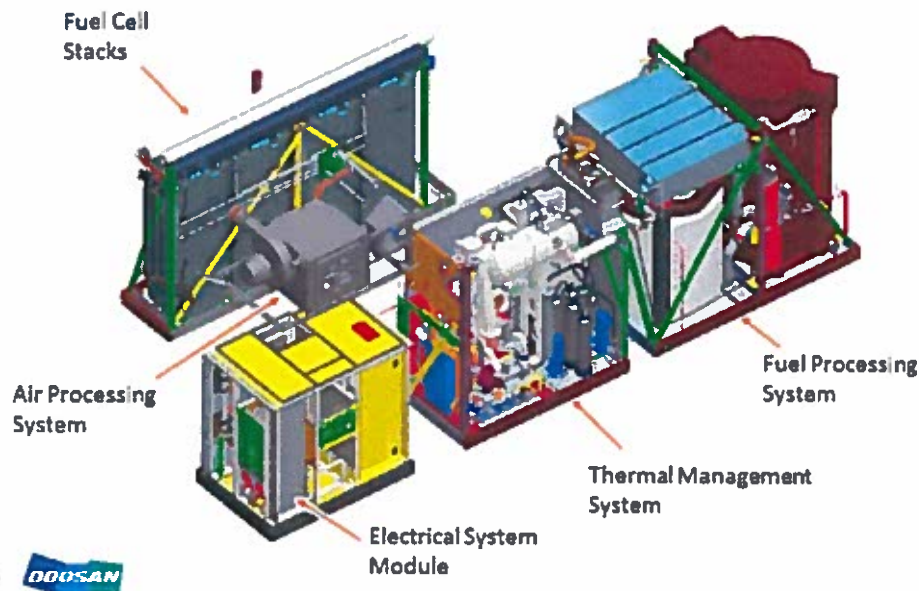


Figure 1. PureCell Model 400 Subsystems



Sulfur Background

Sulfur is present in pipeline natural gas. It is primarily used as an odorant so leaks can be detected. Unfortunately, sulfur is also a poison to fuel cell systems and exposure to sulfur will drastically reduce the life and efficiency of the fuel cell.

Types of sulfur found in natural gas vary from region to region. Some common examples are:

- Hydrogen Sulfide (H₂S)
- Tetrahydrothiophene (THT)
- Mercaptain – (MCP) - Broad family of sulfur molecules characterized by a sulfur atom attached to a hydrocarbon molecule or chain

The majority of the odorants are organic with the exception of hydrogen sulfide. Standard pipeline natural gas contains up to 6 parts per million by volume (ppmv) sulfur on average with spikes as high as 30 ppmv possible. In order to successfully maintain operation of the fuel cell for a period of 10 years, the sulfur levels must be reduced to less than 0.02 ppmv, or a 99.7% removal rate. An additional benefit of this is that it removes sulfur dioxide from the emissions of the fuel cell power plant.

Sulfur Removal Techniques

Sulfur removal can be broken down into two main techniques, physical capture and reactive capture.

Physical capture involves using porous media such as activated carbon or molecular sieves to capture and concentrate the odorant before it enters the fuel cell. Doosan elected not to pursue this path due to several factors, including:

- The process concentrates the odorant and turned it into hazardous waste
- The concentrated odorant is highly toxic and requires specially trained personnel to handle the waste
- Would result in more service being required at customer sites to maintain the system

Reactive capture is the method used by Doosan to remove sulfur. It involves chemically reacting the odorant over a catalyst bed in order to separate the sulfur molecule. Once the sulfur molecule is separated from the odorant, the remaining odorant is destroyed in another catalyst bed. The sulfur molecule is then captured and converted to a compound called Zinc Sulfide.



Equation 4



Equation 5

Note: * represents the non-sulfur odorant components

Doosan's system has been sized such that it will run for the 10 year service life of the unit and not need to be changed out. When the unit is removed from service, the decommissioning or refurbishment of the unit will be carried out by trained personnel and a company specializing in removal of the waste Zinc Sulfide will recover the spent material. Zinc sulfide has some commercial value, so that company will either process it and sell it or split it into Zinc and Sulfur and sell them separately.

Respectfully,

Jesse Hayes, Director, Product Management, Doosan Fuel Cell
195 Governors Highway
South Windsor, CT 06074
Jesse.hayes@doosan.com
(860) 560-3309

UNILEVER -5

***CERTIFIED MAIL RECEIPTS TO ALL PROPERTY
OWNERS, ABUTTERS, STATE AND LOCAL
OFFICIALS***

Complete by Typewriter, Ink, or Ball Point Pen

Article Number	Name and Address of Sender	Check type of mail or service:	Postage	Fee	Handling Charge	Actual Value Registered	Insured Value	Domestic Sender	DC	SC	SH	RD	RN
1	GEORGE JEPSON - ATTORNEY GENERAL 55 ELM STREET HARTFORD, CT 06106	<input type="checkbox"/> Certified <input type="checkbox"/> Registered <input type="checkbox"/> Registered Delivery (International) <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Signature Confirmation											
2	MICHAEL DEVORE BUILDING OFFICIAL TOWN HALL TRUMBULL, CT 06611	<input type="checkbox"/> Certified <input type="checkbox"/> Registered <input type="checkbox"/> Registered Delivery (International) <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Signature Confirmation											
3	DAVE RUTIGLIANO REP DISTRICT 122 52 STEINWAY ROAD TRUMBULL, CT 06611-1835	<input type="checkbox"/> Certified <input type="checkbox"/> Registered <input type="checkbox"/> Registered Delivery (International) <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Signature Confirmation											
4	DR. JEWEL MULLEN - COMMISSIONER STATE DEPT OF PUBLIC HEALTH 410 CAPITOL AVENUE HARTFORD, CT 06106	<input type="checkbox"/> Certified <input type="checkbox"/> Registered <input type="checkbox"/> Registered Delivery (International) <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Signature Confirmation											
5	BENJAMIN BARNES - SECRETARY OFFICE OF POLICY & MANAGEMENT 450 CAPITOL AVENUE HARTFORD, CT 06106	<input type="checkbox"/> Certified <input type="checkbox"/> Registered <input type="checkbox"/> Registered Delivery (International) <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Signature Confirmation											
6	CONSUMER PRODUCTS I, LLC 30 JEFFREY LANE SOUTHPORT, CT 06890	<input type="checkbox"/> Certified <input type="checkbox"/> Registered <input type="checkbox"/> Registered Delivery (International) <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Signature Confirmation											
7	DONEGAN THOMAS & CAROL 2945 HUNTINGTON ROAD TRUMBULL, CT 06811	<input type="checkbox"/> Certified <input type="checkbox"/> Registered <input type="checkbox"/> Registered Delivery (International) <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Signature Confirmation											
8	DUNN CAROL 2715 HUNTINGTON ROAD TRUMBULL, CT 06811	<input type="checkbox"/> Certified <input type="checkbox"/> Registered <input type="checkbox"/> Registered Delivery (International) <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Signature Confirmation											



Delivery Confirmation
Signature Confirmation
Special Handling
Restricted Delivery
Return Receipt

See Privacy Act Statement on Reverse

See Privacy Act Statement on Reverse

Article Number	Name and Address of Sender	Check type of mail or service:	Postmark and Date of Receipt	Actual Value	Declared Value	Weight	DC	SC	SH	RD	RR
1	MELROY A CUREY - COMMISSIONER STATE DEPARTMENT OF ADMINISTRATIVE SERVICES 165 CAPITAL AVENUE HARTFORD, CT 06106	<input type="checkbox"/> Certified <input type="checkbox"/> Registered <input type="checkbox"/> Registered Delivery (International) <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Signature Confirmation <input type="checkbox"/> Express Mail									
2	SENATOR CHRISTOPHER S MURPHY ONE CONSTITUTIONAL PLAZA HARTFORD, CT 06103										
3	JAMES P HEDEREN - COMMISSIONER DEPARTMENT OF TRANSPORTATION 2800 BERTLIN TURNPIKE NEWINGTON, CT 06111										
4	TIMOTHY M HENST 17 SELECTMAN THUMBULL TOWN 5868 MAIN STREET THUMBULL CT 06111										
5	DORA B SCHIRO - COMMISSIONER DEPT OF EMERGENCY SERVICES & PUBLIC PROTECTION 1111 COUNTRY CLUB ROAD MIDDLETOWN, CT 06457										
6	SCOTT D JACKSON - COMMISSIONER DEPARTMENT OF LABOR 200 FOLLY BROOK BOULEVARD WETHERSFIELD, CT 06109										
7	JANATHAN HARRIS - COMMISSIONER DEPT OF CONSUMER PROTECTION 165 CAPITAL AVENUE HARTFORD, CT 06106-6300										
8	STEVEN K REWICKY - COMMISSIONER STATE DEPARTMENT OF AGRICULTURE 165 CAPITAL AVENUE HARTFORD, CT 06106										



Delivery Confirmation:
Signature Confirmation
Special Handling
Registered Delivery
Return Receipt

Affix Stamp Here
(If issued as a certificate of mailing, certify as making copies of this bill) Postmark and Date of Receipt
Change of Address
Actual Value
Declared Value
Weight
DC
SC
SH
RD
RR

Postmaster, the (Name of receiving employer)

See Privacy Act Statement on Reverse

Actual Number	Name and Address of Sender	Check type of mail or service	Certified COD Registered Registered Delivery (International) Registered Registered Return Receipt for Merchandise Signature Confirmation Insured	Date of Receipt	Fee	Postage	Handing Charge	Actual Value if Registered	Insured Value	Domestic Sender Fee	DC Fee	SC Fee	SH Fee	RD Fee	RR Fee	Total Number of Pieces Listed by Sender	Total Number of Pieces Registered at Post Office	Postmaster Pay (Name of receiving employee)	
1	DIGITAL 60 & 80 MERRITT LLC 80 MERRITT BOULEVARD TRUMBULL, CT 6611																		
2	EVERETTS SCOTT J 2861 HUNTINGTON ROAD TRUMBULL, CT 6611																		
3	JENCO GWANDT MICHELE 2891 HUNTINGTON ROAD TRUMBULL, CT 6611																		
4	CONPECO INC 75 MERRITT BOULEVARD TRUMBULL, CT 6611																		
5	CONSUMER PRODUCTS LLC 30 JEFFER LANE SOUTHPORT, CT 6890																		
6	CHIANG CHUNG YI & 2721 HUNTINGTON ROAD TRUMBULL, CT 6611																		
7	BERNHARDT WILSON J EST & MARIO 2741 HUNTINGTON ROAD TRUMBULL, CT 6611																		
8	CHEDISTER JAMES A JR & 2791 HUNTINGTON ROAD TRUMBULL, CT 6611																		

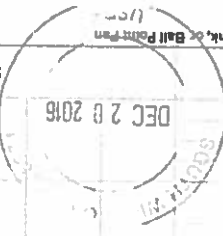


Delivery Confirmation
Signature Confirmation
Special Handling
Registered Delivery
Return Receipt

Total Number of Pieces Listed by Sender

Total Number of Pieces Received at Post Office

Postmaster, For (Name of receiving employee)



See Privacy Act Statement on Reverse

Article Number	Name and Address of Sender	Check type of mail or service:	Recorded Delivery (International)	Registered	Delivery Confirmation	Express Mail	Insured	Postage	Fees	Change	Actual Value	Insured Value	DDI	Sender's	DC	SC	SH	RD	RR	
1.	MEIA LINIA M 2735 HUNTINGTON ROAD TRUMBULL, CT 6611	<input type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Delivery Confirmation <input type="checkbox"/> Express Mail <input type="checkbox"/> Insured	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>													
2.	RUBUSH MARK A & KRISTEN A 2821 HUNTINGTON ROAD TRUMBULL, CT 6611	<input type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Delivery Confirmation <input type="checkbox"/> Express Mail <input type="checkbox"/> Insured	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>													
3.	ST VINCENT'S SPECIAL NEED CENTER INC 95 MERRITT BLVD TRUMBULL, CT 6611	<input type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Delivery Confirmation <input type="checkbox"/> Express Mail <input type="checkbox"/> Insured	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>													
4.	STUPAK MARK E & LAURA 2701 HUNTINGTON ROAD TRUMBULL, CT 6611	<input type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Delivery Confirmation <input type="checkbox"/> Express Mail <input type="checkbox"/> Insured	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>													
5.	SALOMAN ELIZABETH 2525 HUNTINGTON ROAD TRUMBULL, CT 6611	<input type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Delivery Confirmation <input type="checkbox"/> Express Mail <input type="checkbox"/> Insured	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>													
6.	NEMERGUT ELEANOR 2525 HUNTINGTON ROAD TRUMBULL, CT 6611	<input type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Delivery Confirmation <input type="checkbox"/> Express Mail <input type="checkbox"/> Insured	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>													
7.	HOCAP CORP 469 BROOKLAWN AVENUE FAIRFIELD, CT 6825	<input type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Delivery Confirmation <input type="checkbox"/> Express Mail <input type="checkbox"/> Insured	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>													
8.	SUTTON RICHARD DON & 2935 HUNTINGTON RD TRUMBULL, CT 6611	<input type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Delivery Confirmation <input type="checkbox"/> Express Mail <input type="checkbox"/> Insured	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>													

Altk Stamp Here
(If issued as a certificate of mailing, or for additional copies of this list)
Return Receipt for Merchandise
Signature Confirmation
Check type of mail or service:
 Certified
 COD
 Delivery Confirmation
 Express Mail
 Insured

Actual Value
Insured Value
DDI
Sender's
DC
SC
SH
RD
RR

Change
Postage
Fees

Recorded Delivery (International)
Registered
Delivery Confirmation
Express Mail
Insured

Altk Stamp Here
(If issued as a certificate of mailing, or for additional copies of this list)
Return Receipt for Merchandise
Signature Confirmation

Check type of mail or service:
 Certified
 COD
 Delivery Confirmation
 Express Mail
 Insured

Actual Value
Insured Value
DDI
Sender's
DC
SC
SH
RD
RR

Change
Postage
Fees

Recorded Delivery (International)
Registered
Delivery Confirmation
Express Mail
Insured

Altk Stamp Here
(If issued as a certificate of mailing, or for additional copies of this list)
Return Receipt for Merchandise
Signature Confirmation

Check type of mail or service:
 Certified
 COD
 Delivery Confirmation
 Express Mail
 Insured

Actual Value
Insured Value
DDI
Sender's
DC
SC
SH
RD
RR

Complete by Typewriter, Ink, or Ball Point Pen

Total Number of Pieces Listed by Sender
 Received in P.O. Office
 Total Number of Pieces (Postmaster: For Name of receiving employee)

Article Number	Name and Address of Sender	Check type of mail or service	Carried	COO	Delivery Confirmation	Express Mail	Insured	Recorded Delivery (International)	Registered	Return Receipt for Merchandise	Signature Confirmation	Postage	Postmark and Date of Receipt	Actual Value	Insured Value	Due Sender	DC	SC	SH	RD	FR				
1	BELMAR CORP 15 BROADVIEW RD WESTPORT, CT 06880																								
2	35 NUTMEG DRIVE LLC 1 CORPORATE DRIVE SUITE 100 SHELTON, CT 06484																								
3	TYLER JAY B. SUSAN 2491 HUNTINGTON ROAD TRUMBULL, CT 06611																								
4	TOUTAIN EVA 2551 HUNTINGTON ROAD TRUMBULL, CT 06611																								
5	TRUMBULL MERRITT 101 LLC & 20 AVON MEADOW LAND STE 210 AVON, CT 06001																								
6	TRUMBULL TOWN OF 5866 MAIN STREET TRUMBULL, CT 06611																								
7	UNILEVER TRUMBULL RESEARCH SERVICES INC 75 MERRITT BOULEVARD TRUMBULL, CT 06611																								
8	ZAMAN ANIS 2771 HUNTINGTON ROAD TRUMBULL, CT 06611																								



Delivery Confirmation
 Signature Confirmation
 Special Handling
 Restricted Delivery
 Return Receipt

Postage
 Fee
 Handling Charge
 Actual Value Registered
 Insured Value
 Due Sender
 DC
 SC
 SH
 RD
 FR

Altk Stamp Here
 (If issued as a certificate of mailing, copies of this Postmark and Date of Receipt)
 Recorded Delivery (International)
 Registered
 Return Receipt for Merchandise
 Signature Confirmation

See Privacy Act Statement on Reverse

Complete by Typewriter, Ink, or Ball Point Pen

Total Number of Pieces
Listed by Sender

Received at Post Office

Postmaster, Per (Name of receiving employee)

Article Number

Name and Address of Sender

Check type of mail or service

- Certified
- COD
- Delivery Confirmation
- Express Mail
- Insured
- Registered Delivery (International)
- Registered
- Return Receipt for Merchandise
- Signature Confirmation

Atlas Stamp Here
If issued as a
series of making,
or for additional
copies of this list
Postmark and
Date of Receipt

Fee
Change
Actual Value
Insured Value
Due Sender
DC
SC
SH
RD
RR

ROBERT KLEE - COMMISSIONER
STATE DEPT OF ENERGY & ENVIRONMENTAL PROTECTION
79 ELM STREET
HARTFORD, CT 06106

HELEN GRANSKOG
PLANNING AND ZONING ADMIN
TOWN HALL 2ND FLOOR
TRUMBULL, CT 06611

MARLYN MOONE
SENATE DISTRICT 22
666 CLEVELAND AVENUE
BRIDGEPORT, CT 06604-1605

BRAUN BIDOLI - EXECUTIVE DIRECTOR
CT METROPOLITAN COUNCIL OF GOV
1000 LAFAYETTE BLVD, STE 925
BRIDGEPORT, CT 06604-4902

U.S. POSTAGE
PAID
SOUTH WINDSOR, CT
DEC 20 16
AMOUNT
\$17.64
#2305H129778-1018

U.S. POSTAGE
PAID
SOUTH WINDSOR, CT
DEC 20 16
AMOUNT
\$3.96
#2305H129778-1018



Delivery Point
Signature

See Privacy Act Statement on Reverse



Certificate of Mailing

POSTAL SERVICE

195 Governor's Highway
S. Windsor, CT 06074

Melody A. Currey - Commissioner
State Department of Administrative
Services, 165 Capital Ave
Hartford, CT 06106

PS Form 3817 April 2007 PSN 7530-02-000-9055



1000



0810



Certificate of Mailing

POSTAL SERVICE

195 Governor's Highway
S. Windsor, CT 06074

Dept of Emergency Services
& Public Protection
1111 Country Club Rd Middletown
CT 06457

PS Form 3817 April 2007 PSN 7530-02-000-9055



1000



0810

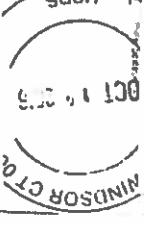
Certificate of Mailing

POSTAL SERVICE

195 Governor's Highway
S. Windsor, CT 06074

Robert Klee
Commissioner - Dept of
Energy & Environment & Public
Hazard, CT 06106

PS Form 3817 April 2007 PSN 7530-02-000-9055



1000



0810



Certificate of Mailing

WINDSOR CT 06074
1000
06111

From: Doosan Fuel Cells of America
195 Governor Highway
S. Windsor, ct 06074

To: James Redeker, Commissioner
Dept of Transportation
2800 Berlin Turnpike
Newington, CT 06111

PS Form 3817 April 2007 PSN 7530-02-000-9065



1000



Certificate of Mailing

SOUTH WINDSOR
OCT 11 2003
USPS

From: Doosan Fuel Cell America
195 Governor's Highway
S. Windsor, ct 06074

To: Arthur House - Chairman
Public Utilities Regulatory
Authority, 10 Brandon Sq
New Britain, ct 06051

PS Form 3817 April 2007 PSN 7530-02-000-9065



1000



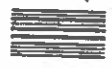
Certificate of Mailing

WINDSOR CT 06074
1000
06051

From: Doosan FC America
195 Governor's Highway
S. Windsor, ct 06074

To: Dr. Jewel Mullen-Commissioner
State Dept of Public Health
410 Capital Avenue
Hartford, ct 06105

PS Form 3817 April 2007 PSN 7530-02-000-9065



1000



Certificate of Mailing

SOUTH WINDSOR CT 06074
OCT 11 2005

To: Dooan Fuel Cells America
195 Governor's Highway
S. Windsor Ct 06074

From: Susan Menow - Chair
State Council of Environmental
Quality, 79 Elm St
Hartford, Ct 06106

PS Form 3817, April 2007 PSN 7530-02-000-9065



08106



1000

WINDSOR CT 06074
OCT 11 2005
USPS



Certificate of Mailing

SOUTH WINDSOR CT 06074
OCT 11 2005

To: Dooan Fuel Cells America
195 Governor's Highway
S. Windsor, Ct 06074

From: George Jepsen.
Attorney General
Office of the A.G.
Hartford, Ct 06106

PS Form 3817, April 2007 PSN 7530-02-000-9065



08106



1000



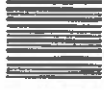
Certificate of Mailing

SOUTH WINDSOR CT 06074
OCT 11 2005

To: Dooan Fuel Cells America
195 Governor's Highway
S. Windsor, Ct 06074

From: Jonathan Harris - Commissioner
Dept of Consumer
Protection,
165 Capital Ave. Hartford Ct
06106

PS Form 3817, April 2007 PSN 7530-02-000-9065



08106



1000



Certificate of Mailing

PS Form 3817, April 2007 PSN 7530-02-000-9065

From Doosan Fuel Cells USA
195 Governor's Highway
S. Windsor CT 06074

To Steven Roviczky - Commissioner
State Dept of Agriculture
165 Capital Avenue
Hartford, CT 06106

PS Form 3817 April 2007 PSN 7530-02-000-9065



Certificate of Mailing

PS Form 3817, April 2007 PSN 7530-02-000-9065

From Doosan Fuel Cells America
195 Governor's Highway
S. Windsor, CT 06074

To Scott D. Jackson - Commissioner
Dept of Labor
200 Folly Brook Blvd
Wethersfield, CT 06109

PS Form 3817 April 2007 PSN 7530-02-000-9065



Certificate of Mailing

PS Form 3817, April 2007 PSN 7530-02-000-9065

From Doosan Fuel Cells America
195 Governor's Highway
S. Windsor, CT 06074

To Catherine Smith - Commissioner
State Dept of Economic
Community Development
Hartford, CT 06106-7100

PS Form 3817 April 2007 PSN 7530-02-000-9065

