

GEORGE W. WATSON III

One Financial Plaza, Suite 1430
Providence, RI 02903-2485
Main (401) 709-3300
Fax (401) 709-3378
gwatson@rc.com
Direct (401) 709-3351

Also admitted in Massachusetts
and Connecticut

January 18, 2018

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

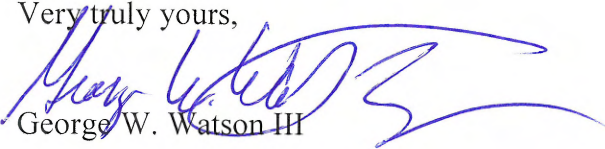
Re: **In re: The Narragansett Electric Company d/b/a National Grid**
Notice of Intent to Relocate Existing Transmission Lines of Less Than 1,000 Feet
(Relocation of the Q-143S, R-144, S-171N, and T-172N at Woonsocket Substation, North
Smithfield)

Dear Todd:

I am enclosing for filing an original and seven (7) copies of the Notice of Intent pursuant to Rule 1.6(c) of the EFSB Rules of Practice and Procedure on behalf of The Narragansett Electric Company d/b/a National Grid for the relocation of the Q-143S, R-144, S-171N, and T-172N 115 kV transmission lines at Woonsocket Substation in North Smithfield.

Please acknowledge receipt of this filing on the enclosed copy of this letter and the Notice of Intent and return them to me. Thank you.

Very truly yours,



George W. Watson III

Enclosure

Copy to: Gary S. Ezovski, North Smithfield Town Administrator
Debra A. Todd, North Smithfield Town Clerk
David V. Igliciozzi, Esq., North Smithfield Town Solicitor
Bess Gorman, Esq.
Marisa Pizzi, Esq.

17549952-v1

**STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
ENERGY FACILITY SITING BOARD**

In re: THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID Notice of Intent to Relocate Existing
Transmission Lines of Less Than 1,000 Feet
(Relocation of the Q-143S, R-144, S-171N, and T-172N 115 kV
Transmission Lines at Woonsocket Substation in North Smithfield)

NOTICE OF INTENT

In accordance with Rule 1.6(c) of the Rhode Island Energy Facility Siting Board (“EFSB”) Rules of Practice and Procedure, The Narragansett Electric Company d/b/a National Grid (“National Grid”) hereby notifies the EFSB of National Grid’s intent to relocate short portions of the existing Q-143S, R-144, S-171N, and T-172N 115 kilovolt (“kV”) transmission lines (the “Transmission Lines”) in the vicinity of the Woonsocket Substation in North Smithfield, Rhode Island (the “Project”). The Project is necessary to provide space for the Q-143S and R-144 lines to connect to the Woonsocket Substation. The Woonsocket Substation is located at 76 Greenville Road in North Smithfield, Rhode Island on property that is owned in fee by National Grid. National Grid files this notice pursuant to EFSB Rule 1.6(c) regarding the relocation of a power line of less than 1,000 feet with a capacity of 69 kV or more. According to the EFSB’s rules, the EFSB shall act upon this Notice, and any objection filed thereto, no later than forty-five days following the filing of this Notice.

1. **Identification of the Owner of the Facility**

The owner of the relevant facilities is National Grid, a subsidiary of National Grid USA, Inc. National Grid’s business address is 280 Melrose Street, Providence, Rhode Island 02907. The Project will be located within a ROW which is owned in fee by National Grid.

2. Detailed Description of the Project

A. Length

The Project is the relocation of the Transmission Lines near the Woonsocket Substation to provide space for the Q-143S and R-144 Lines to connect to the substation. All of the work is limited to area near the substation. The existing and proposed alignments of the Transmission Lines are shown on the plan attached hereto as Exhibit A. The length of each relocated section is in the table below.

Transmission Line	Length
Q-143S (east of substation)	230 feet
R-144 (east of substation)	200 feet
Q-143S (west of substation)	475 feet
R-144 (west of substation)	466 feet
S-171N	417 feet
T-172N	412 feet

The Project involves replacing the existing 1590 kcmil 54/19 aluminum conductor steel-reinforced (ACSR) “Falcon” conductor with 1590 kcmil 54/19 aluminum conductor steel-supported (ACSS) conductor. The Project will also require associated conductor hardware and insulator replacement on six existing transmission structures. The Project will require the removal of nine (9) existing transmission line structures and the installation of twelve (12) new transmission line structures among the four transmission lines to the west of the substation.

B. Purpose and Need

The Project is needed to allow National Grid to connect the Q-143S and R-144 Lines to the Woonsocket Substation. As noted in the table above, the work area is limited to the area within 500 feet of the substation. National Grid's solution to reliability concerns for the load that is supplied by Clarkson Substation and Admiral Street Substation is to split the Q-143S and R-144 Lines into separate sections to the north and south of Woonsocket Substation. To accomplish this, the Woonsocket Substation is being expanded to include two additional breaker-and-a-half bays. The Q-143S and R-144 Lines that bypass the substation will, as a result of the Project, terminate into their own line positions at the Woonsocket Substation.

3. The Project Does Not Constitute a Major Energy Facility Nor the Alteration of a Major Energy Facility

The Project does not involve any new major energy facilities and does not constitute an "alteration" of a major energy facility. The Project involves relocating and reconductoring of four existing 115 kV transmission lines that are each less than 1,000 feet in length. The EFSB has expressly excluded power lines under 1,000 feet in length from the definition of "alteration" in Rule 1.2(d): "The construction, modification or relocation of a power line of 69 kV or more which are less than 1,000 feet in length shall not be treated as an alteration..."

Further, National Grid believes that this Project will not result in any significant impact on the environment or the public health, safety and welfare, and therefore, it does not constitute a "major energy facility" that in any way requires further formal EFSB investigation or approval.

CONCLUSION

For the reasons stated above, National Grid respectfully requests that the EFSB enter an Order pursuant to EFSB Rule 1.6(e), accepting this Notice of Intent to relocate the Q-143S, R-

144, S-171N, and T-172N and ruling that the Project may proceed without any further review by the EFSB.

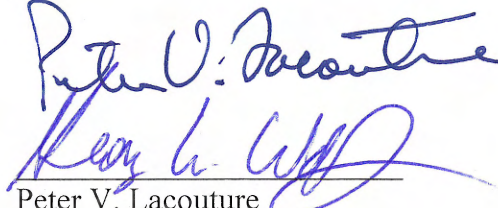
Respectfully submitted,

THE NARRAGANSETT ELECTRIC COMPANY
d/b/a NATIONAL GRID

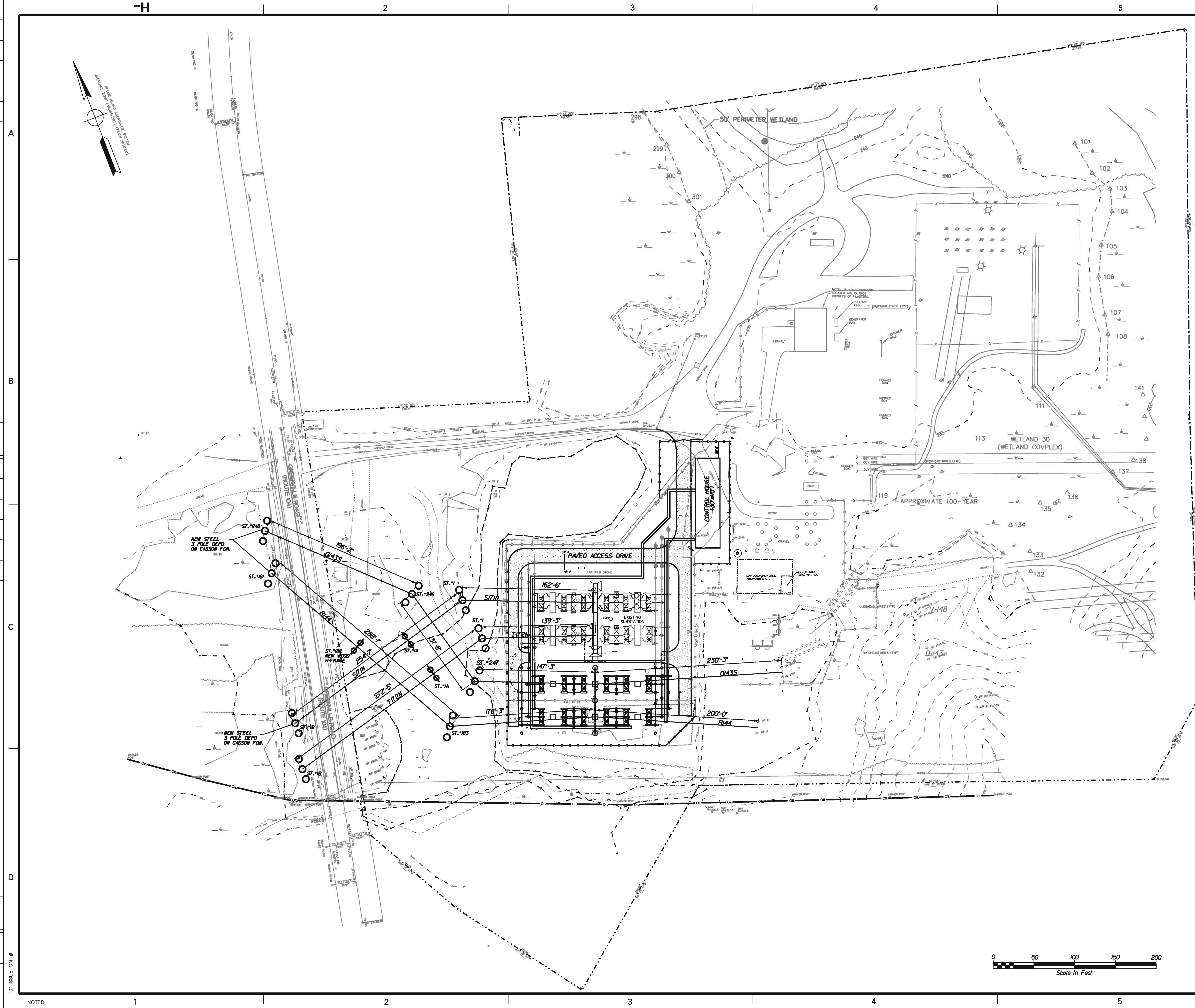
By its Attorneys,



Bess Gorman, Assistant General Counsel
and Director
(RI Bar #8751)
National Grid USA Service Company, Inc.
40 Sylvan Road
Waltham, MA 02451
Tel. 781-907-1834 · Fax 781-907-5701
bess.gorman@nationalgrid.com



Peter V. Lacouture
George W. Watson, III
Robinson & Cole LLP
One Financial Plaza
Suite 1430
Providence, RI 02903
(401) 709-3314
placouture@rc.com

[illegible]

GENERAL NOTES

1. WORK TO BE DONE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS SPOB0000, STANDARD CONSTRUCTION SPECIFICATIONS FOR ELECTRIC SUBSTATIONS.
2. STOCKPILE ALL STRIPPED & EXCAVATED MATERIAL IN AN ACCESSIBLE LOCATION FOR USE IN LANDSCAPING SITE. STOCKPILE LOCATIONS TO BE APPROVED BY ENVIRONMENTAL ENGINEER.
3. ALL FENCING SHALL CONFORM TO LATEST EDITION OF NATIONAL GRID SPECIFICATION SPO050000B. FENCE TO BE 8'-0" HIGH CHAIN LINK FABRIC TOPPED BY 3 STRANDS OF BARBED WIRE SLOPING OUTWARD UNLESS NOTED OTHERWISE.
4. SUBSTATION YARD WITHIN FENCED AREA TO BE SURFACED WITH 6" OF CRUSHED STONE (3/4" MAX.)
5. ALL DISTURBED AREAS & SIDE SLOPES TO BE LOAM ED & SEEDED UNLESS NOTED.
6. UNDERGROUND UTILITIES COMPILED FROM AVAILABLE RECORD PLANS OF UTILITIES AND ARE APPROXIMATE ONLY. CONTRACTOR TO VERIFY EXISTING UTILITIES AND LOCATION PRIOR TO CONSTRUCTION AND SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES.
7. CONTRACTOR TO VERIFY EXISTING CONTOURS AND CONDITIONS AND REPORT ANY DISCREPANCIES TO THE ENGINEER.
8. BLEND NEW EARTHWORK SMOOTHLY INTO EXISTING GRADES.
9. CONTRACTOR TO CALL DIG-SAFE AT 811 PRIOR TO START OF CONSTRUCTION.

LEGEND

Diagram illustrating a road cross-section with the following layers and features:

- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED SPOT ELEVATION
- OVERHEAD WIRE
- EXISTING TREELINE
- BITUMINOUS PAVING

REFERENCE DRAWINGS

115KV FENCE AND GRADING PLAN CONSTRUCTION DETAILS

H-113709
H-113710

CONFIDENTIALITY STATEMENT

This document contains confidential and proprietary information of the company(s) named in the title block, d/b/a National Grid ("National Grid"). It is to be used by authorized contractors for National Grid solely in connection with the specific project for which it has been transmitted. Any other use, its transmittal to third parties, or its reproduction without prior express written authorization of National Grid is strictly prohibited.

nationalgrid

NARRAGANSETT ELECTRIC COMPANY
WOONSOCKET SUBSTATION NO. 26
NORTH SMITHFIELD, RHODE ISLAND

TRANSMISSION SITE PLAN

SCALE 1"=50

SK-C-H-12182017-A

PRINTED COPIES ARE NOT CONTROLLED. PLEASE REEF TO DOCUMENT IM FOR THE LATEST AUTHORIZED VERSION. D