



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

July 16, 2010

Elizabeth H. Muzzey, Director and
State Historic Preservation Officer
New Hampshire Division of Historical
Resources
19 Pillsbury Street
2nd Floor
Concord, NH 03301-3570

SUBJECT: SEABROOK STATION LICENSE RENEWAL APPLICATION REVIEW
(R&C # 863)

Dear Ms. Muzzey:

The U.S. Nuclear Regulatory Commission (NRC or the staff) is reviewing an application submitted by NextEra Energy Seabrook, LLC, for the renewal of the operating license for Seabrook Station, Unit 1 (Seabrook Station). Seabrook Station is located 13 miles south of Portsmouth, NH. The application for renewal was submitted by NextEra Energy Seabrook, LLC, in a letter dated May 25, 2010, pursuant to Title 10 of the *Code of Federal Regulations* Part 54 (10 CFR Part 54). The NRC has established that, as part of the staff's review of any nuclear power plant license renewal application, a site-specific Supplemental Environmental Impact Statement (SEIS) to its *Generic Environmental Impact Statement for License Renewal of Nuclear Plants*, NUREG-1437, will be prepared under 10 CFR Part 51, the NRC's regulation that implements the National Environment Policy Act of 1969, as amended. The SEIS includes an analysis of pertinent environmental issues, and in accordance with 36 CFR 800.8(c), will include analyses of potential impacts to historic and cultural resources.

In the context of the National Historic Preservation Act of 1966, as amended, the staff has determined that the area of potential effect (APE) for a license renewal action is the area at the power plant site and its immediate environs that may be impacted by post-license renewal land-disturbing operations or projected refurbishment activities associated with the proposed action. The APE may extend beyond the immediate environs in those instances where post-license renewal land-disturbing operations or projected refurbishment activities specifically related to license renewal may potentially have an effect on known or proposed historic sites. This determination is made irrespective of ownership or control of the lands of interest.

NextEra Energy Seabrook, LLC, stated that it has no plans to alter current operations over the license renewal period and that Seabrook Station, operating under a renewed license, would use existing plant facilities and transmission lines and would not require additional construction or disturbance of new areas. According to NextEra Energy Seabrook, LLC, any maintenance activities would be limited to previously disturbed areas. Please see the enclosed maps and pictures, which show the area under review.

The staff plans to hold two public environmental scoping meetings on August 19, 2010, at the Galley Hatch Conference Center, 815 Lafayette Road, Hampton, NH 03842. The first meeting will convene at 1:30p.m. and will continue until 3:30p.m., as necessary. The second meeting will convene at 7:00p.m., with a repeat of the overview portions of the first meeting, and will

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continue until 9:00p.m., as necessary. In addition, during the week of October 4, 2010, the staff plans to conduct a site audit at Seabrook Station. You and your staff are invited to attend both the site audit and the public meetings. Your office will receive a copy of the draft SEIS along with a request for comments. The anticipated publication date for the draft SEIS is May 2011.

The Seabrook Station license renewal application is available at:

<http://www.nrc.gov/reactors/operating/licensing/renewal/applications/seabrook.html>.

If you have any questions concerning the staff's review of this license renewal application, please contact Mr. Jeremy Susco, Project Manager, at (301) 415-2927 or by e-mail at jeremy.susco@nrc.gov.

Sincerely,

A handwritten signature in black ink, consisting of a series of loops and a long horizontal stroke extending to the right.

Bo Pham, Chief
Projects Branch 1
Division of License Renewal
Office of Nuclear Reactor Regulation

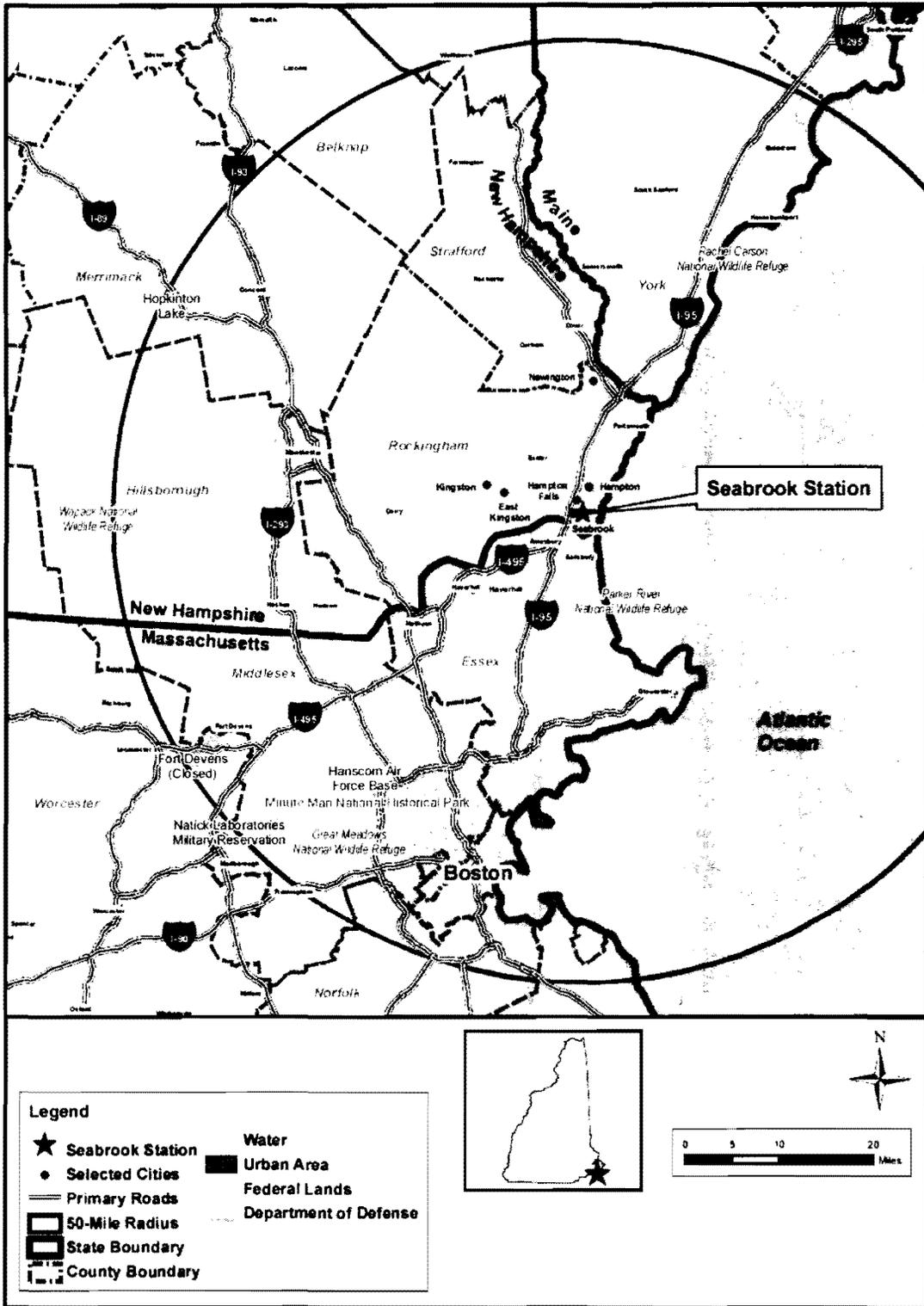
Docket No. 50-443

Enclosures:

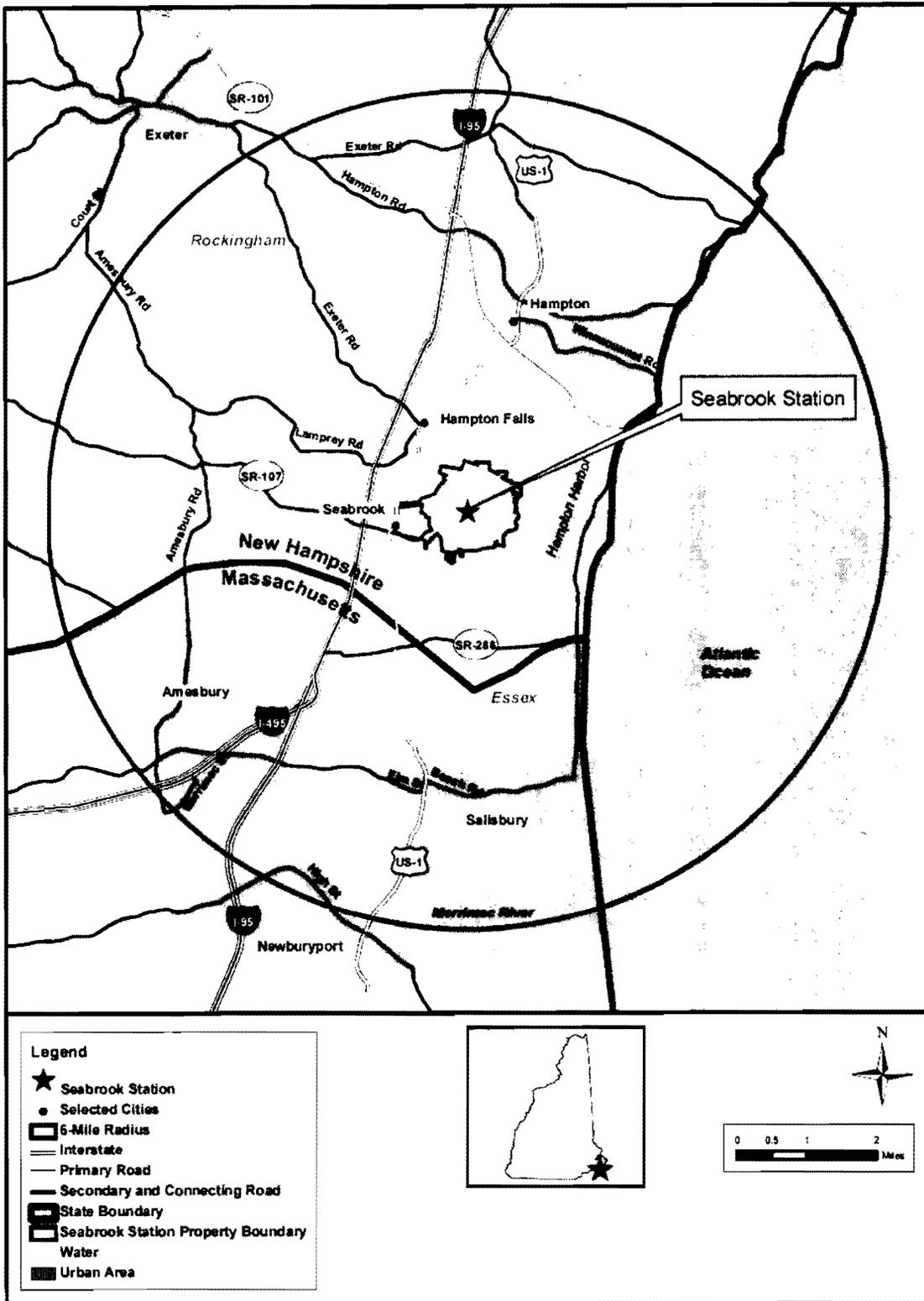
1. Area Map, 50-mile radius
2. Area Map, 6-mile radius
3. Site Area Map
4. Transmission Line Map

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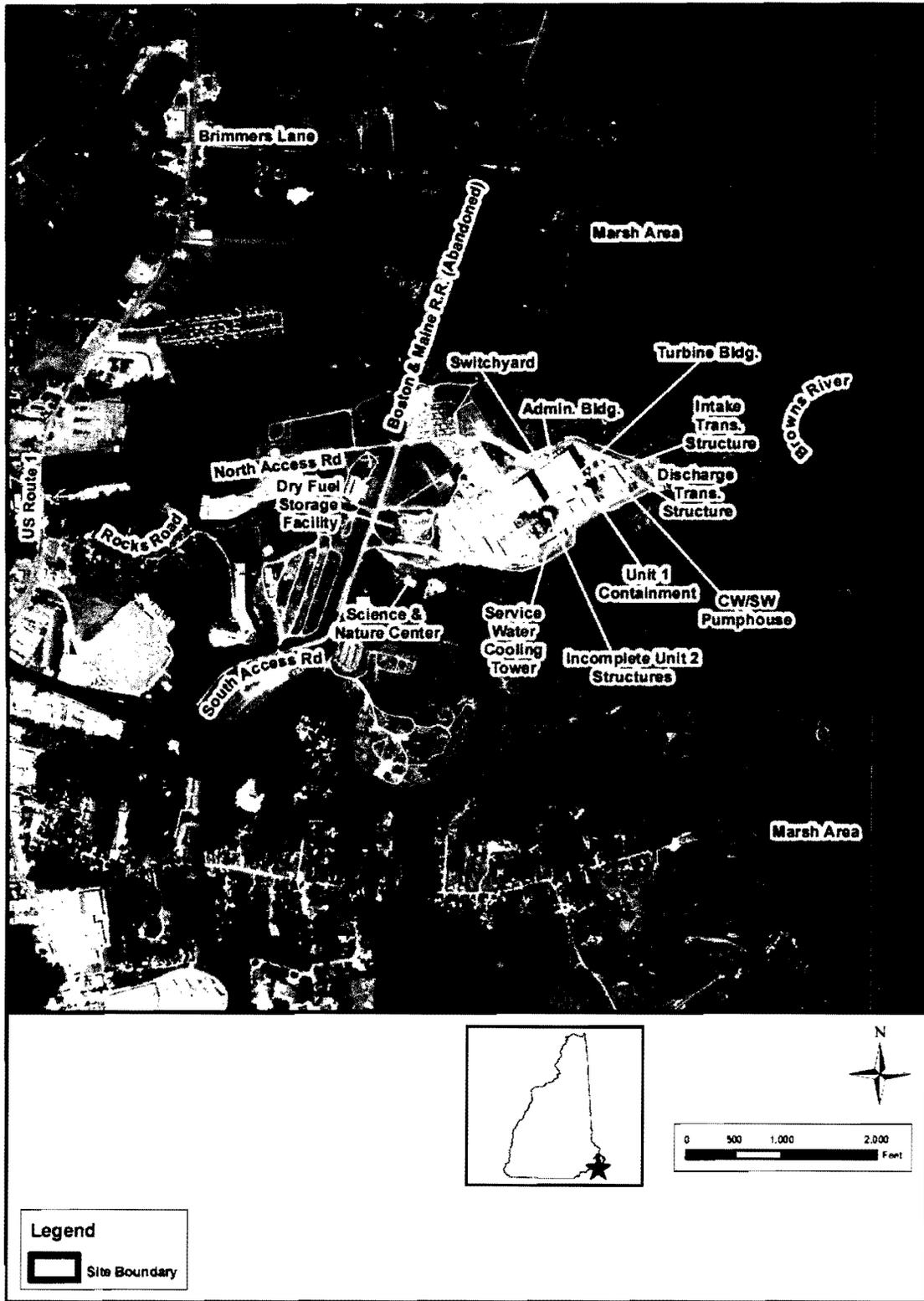
Area Map, 50-Mile Radius



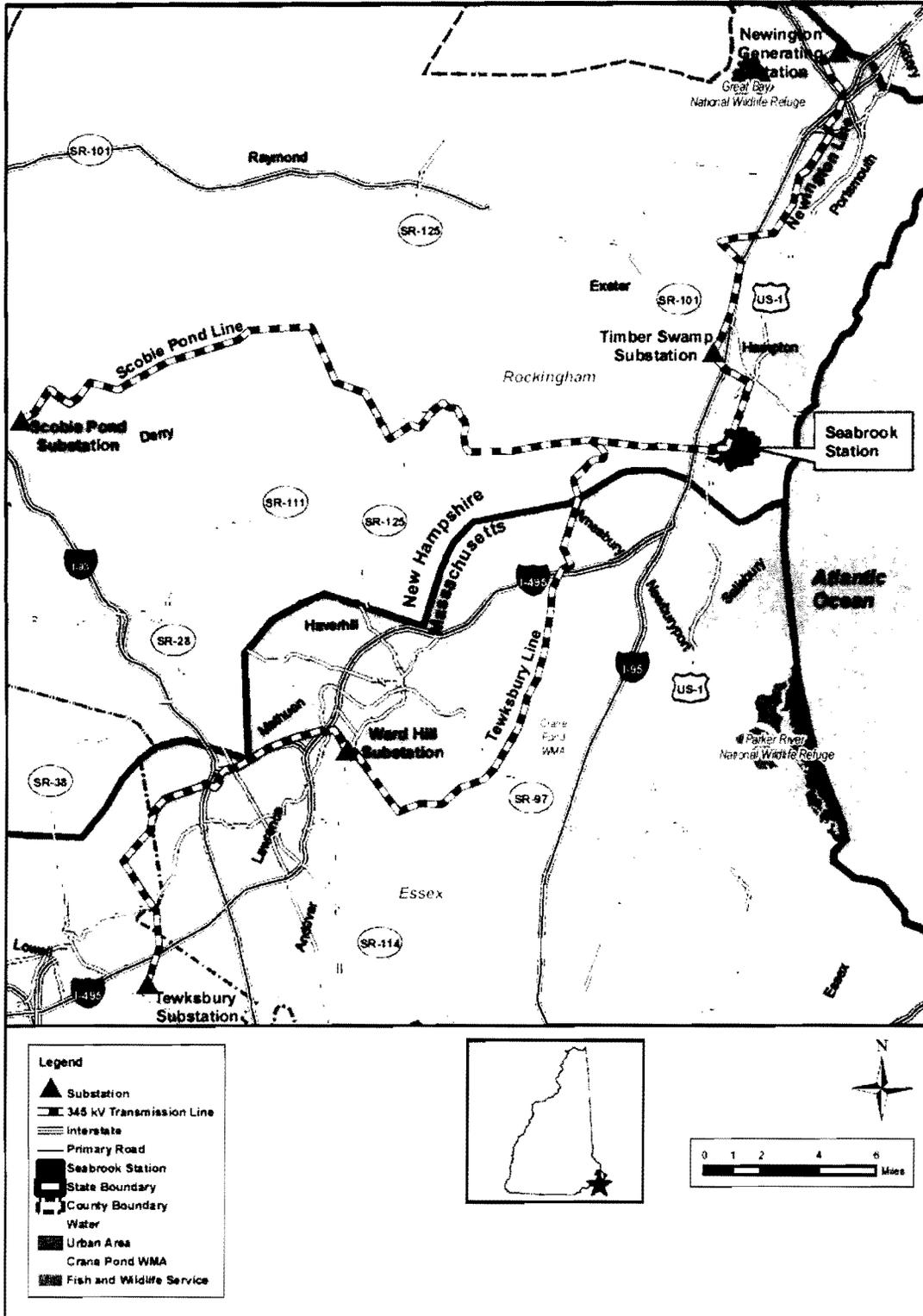
Area Map, 6-Mile Radius



Site Area Map

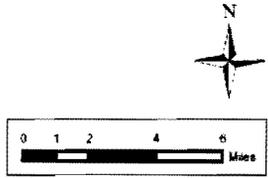
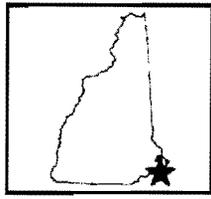


Transmission Line Map



Legend

- ▲ Substation
- 345 kV Transmission Line
- Interstate
- Primary Road
- Seabrook Station
- State Boundary
- County Boundary
- Water
- Urban Area
- Crane Pond WMA
- Fish and Wildlife Service



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Sincerely,

/RA/

Bo Pham, Chief
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Letter to E. Muzzey from B. Pham dated July, 16, 2010

SUBJECT: SEABROOK STATION LICENSE RENEWAL APPLICATION REVIEW
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