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Technical Memorandum:

To: Donald McCauley at Minuteman Wind LLC **Date:** September 13, 2006
From: Leonard J. Antico at McFarland-Johnson, Inc.
Re: 16616.01: Minuteman Wind Airspace Review – Field Verification

This Technical Memorandum has been prepared for Minuteman Wind LLC to document flashing red L-864 beacons or similar within 25 miles of the proposed wind structures in Savoy, Massachusetts. Information gathered to conduct field verification was obtained electronically via the Federal Aviation Administration and the New England Air Traffic Airspace Branch. Applicable obstructions with flashing red L-864 beacons or similar are summarized below.

A total of five structures with L-864 beacons or similar were found to exist within 25 miles of the proposed wind turbine site. The first structure is located at the peak of Mount Greylock State Reservation and stands adjacent to the War Veterans Memorial Tower. The peak of the mountain has one obstruction lit with (1) flashing red L-864 beacon or similar and (2) steady red L-864 beacons or similar.

The second structure is located alongside Monahan Road, in the Town of Windsor. This structure is lit with (1) steady red L-864 beacon or similar. The third structure is visible from 830 Curran Memorial Highway in North Adams when looking east. This structure is lit with (1) flashing red L-864 beacon or similar and (1) steady red L-864 beacon or similar.

The fourth obstruction consists of 3 smoke stacks. These stacks are located at the General Electric Advanced Materials building located on 1 Plastics Avenue in Pittsfield. Each stack is lit with (4) L-864 red flashing beacons or similar; however at the time of observation many inoperable beacons existed. The final structure containing red L-864 beacons or similar lighting is located directly adjacent to 40 Commercial Street in Pittsfield. This structure is lit with (1) flashing red L-864 beacon or similar. The Searsburg Wind Power Facility in Searsburg, Vermont was also observed and no lighting was noted.

All of the obstruction lighting observed within the area is similar in nature and would be similar to the lighting proposed in the Minuteman Wind Savoy Project.

Included with this Technical Memorandum are examples of red L-864 beacons or similar. These examples are displayed in both photographs and a short video clip to depict the intensities and rapidity of red L-864 or similar obstruction beacons.



Example 1



Example 2



Example 3



Example 4



Example 5