

3455

Adams, Karen K NAE

From: Hugh Blair-Smith [hughbs@thecia.net]
Sent: Tuesday, February 15, 2005 7:35 PM
To: Energy, Wind NAE
Subject: Cape Wind Energy Project EIR

To: Karen Kirk Adams
From: Hugh Blair-Smith
Date: 16 Feb 2005
Ref: NAE-2004-338-1

As a part-time Cape Codder since 1945 and expecting to go full-time soon, I claim as good a private-citizen standing on the issue of Cape Wind as anybody. Briefly, I support the Cape Wind project enthusiastically.

As an engineer, I consider the use of wind energy an excellent qualitative solution to all the problems of fossil-fueled electricity generation, and would expect to see it go far quantitatively, once it catches on.

As a tourist traveling in Scotland and northern Germany, I have found wind turbine structures aesthetically attractive. The ones I've seen there are essentially similar to the slim and elegant towers planned for Horseshoe Shoal, and the deceptively languid pace of the rotors is if anything relaxing to the eye. The projected turbines will be so far from the shore, even from Point Gammon, that they will produce no more impression on the eye than what my mainsail makes when sailing by, half a mile or so from shore. Nobody yet has roared out in a motor launch to chastise me for obstructing the view!

As a cruising sailor since 1967, I have enjoyed the benefits of wind power for bountiful locomotion in perfect cleanliness. And in the challenging cross-currents of Nantucket Sound, I will not be a bit sorry to have large structures marking some of the shoal places where I must not sail. If I were a fisherman, I would rejoice in the knowledge that fish gather and multiply in the presence of underwater structures.

I can't claim to have studied the EIS and the design sketches in detail, but here are some comments from what I've seen:

I am puzzled by the Steamship Authority captain who considers the towers to be a hazard to navigation. Is he planning to take Authority vessels over Horseshoe Shoal, considering that to be not a hazard to navigation? If he does, I don't want to be on that boat! With his powerful radar, he should fully appreciate the towers as an important navigational aid. (Which raises the thought that all the towers should include passive radar reflectors, and the important perimeter ones should be equipped with racons.)

The best technical issue I heard raised at the MIT hearing session was the sand-wave man who was concerned that cables, once buried under 2 fathoms of sandy bottom, might be uncovered by severe weather. I haven't the expertise to judge how much of a hazard this is, but I could imagine that Cape Wind's engineers might consider surrounding the wind farm area with a sort of submarine quoin, for which even Jersey barrier blocks might be effective. In any case, if there is a risk of uncovering, the whole area and the cable path to shore can be posted for no anchoring, like any cable crossing. Such a measure would seem to hinder fishing activities in the area, but that could be

2/16/2005

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overcome by providing mooring eyes on the collision mats that I understood to be placed around each tower at water level. I imagine each tower could then accommodate at least 4 small fishing boats securely without anchoring, and near the best fishing.

The recent spate of high-wind weather in the Cape area seems to me to underscore the great opportunity to benefit from the Cape Wind project. If anything, it raises the question of how to operate the turbines when there's more wind than can be used for power generation. I understand that the rotor blades can be feathered, but I can't help wondering if excess power could be harnessed (within each tower, to avoid overloading the cables) to generate and store hydrogen from the sea water. Then the hydrogen could be used in fuel cells to make the towers productive even in a calm, or it could be collected and brought ashore for fuel-cell cars. This sort of cogeneration could smooth out the weather dependency of the wind farm, and further reduce the need to bring in fossil-fueled power from off-Cape or from whatever remains of the Mirant monstrosity.

Is part of the plan (perhaps beyond the initial phase) to run cables to Nantucket Island? On some of my visits there, I have heard enough of the waterfront diesel generator to wish fervently for its replacement by silent power.

I realize this is out-of-scope here, but I'd like to know if Cape Wind or anybody is considering supplementing the wind power by water turbines to take advantage of the powerful hydraulic currents in the Canal. I have seen a design sketch of something that looks like the twisted bottom of an egg-beater, which should fit easily near the abutments of the bridges, especially the railroad bridge. Other likely water turbine sites are Pollock Rip and Muskeget channels, not to mention Woods Hole passage; all those places are well supplied with shoals so that the turbines can be kept out of the ship channels.

Some of the objections appear to be political in nature. I perceived a resentment of the Federal government's authority to permit projects beyond the 3-mile limit--apparently we have got used to thinking of Nantucket Sound as a "Massachusetts lake" despite the 3-mile rule. Now if a Federally permitted project posed a threat of real harm to state territory--say, by emitting ugly and unhealthy pollution such as Mirant produces--there would be a real issue of *Massachusetts v. U.S.*, but I think that some people's anxiety regarding the possibility of slightly reduced prettiness is not that sort of threat.

Having been involved long ago in a research program considering among other things the relative merits of public and private power, I am a little puzzled by the objections to permitting a profit-making project in the Sound. It's as if the objectors would feel better if it were a government project. Even in that long-ago program, there was growing anxiety about the Federal government's commitment to maintaining public-power projects, and in this era of Bush-Romney economic policies, such an anxiety is better founded than ever. When profits depend on good maintenance, the maintenance gets done. And I'm sure that the "exit strategy" (if such is ever needed) of making Cape Wind post a bond to remove any towers that have become uneconomical is essential. It certainly took a long time to get the ruins of the abortive Cuttyhunk turbine cleaned up. Whether any such bond in a public project would be effective seems doubtful to me in a political atmosphere so full of unfunded mandates. Notwithstanding all that, I would certainly urge Cape Wind to generate some goodwill by committing a portion of its profits to beneficial public purposes in the Cape and Islands, e.g. supporting affordable housing.

3456

Adams, Karen K NAE

From: Harold Morpeth [halmorpeth@cox.net]
Sent: Tuesday, February 15, 2005 9:07 PM
To: Energy, Wind NAE
Subject: Cape Wind project

I am in favor of the Cape Wind project and would like to see this succeed.

Our future is linked to the success of this project.

Thank you,

Harold Morpeth
2053 Tower Hill Road
Saunderstown, RI 02874

3457

Adams, Karen K NAE

From: McAlpine, Brian [BMcAlpine@StateStreet.com]

Sent: Tuesday, February 15, 2005 4:56 PM

To: Energy, Wind NAE

My name is Brian McAlpine and I live at 13 Morgan Rd. I am writing to say that I oppose the wind farm project in Nantucket sound.

3458

Adams, Karen K NAE

From: Rose & Herb Shanker [shank1@gis.net]
Sent: Tuesday, February 15, 2005 5:24 PM
To: Energy, Wind NAE
Subject: Comment on wind farm in Nantucket Sound

Here are 2 more votes In Favor of the wind farm in Nantucket Sound. Rose & Herbert Shanker - Mashpee, MA

3459

Adams, Karen K NAE

From: petangel_1@msn.com
Sent: Tuesday, February 15, 2005 6:57 PM
To: Energy, Wind NAE
Subject: Ensure 'Cape Wind' Project Is Safe for Wildlife

Colonel Thomas Koning
U.S. Army Corps of Engineers
696 Virginia Road
Concord, MA 01742-2751

Dear Colonel Koning,

Before you approve or deny a permit to erect 130 turbines in Nantucket Sound, please require the developer to conduct the thorough studies recommended by the U.S. Fish and Wildlife Service and the Massachusetts Division of Fisheries and Wildlife.

Specifically, the environmental review of this project should include:

- Three full years of visual observations of birds
- 12 months of radar observations of flying wildlife
- A thorough and timely review of the project's potential effect on wildlife, including marine mammals

These factors will help determine whether the Cape Wind project is in the best interests of both the public and wildlife.

As it is written, the U.S. Army Corps of Engineers' draft environmental impact statement is hopelessly flawed, because it ignores relevant information and draws conclusions based on inadequate research.

This project could be the first marine wind energy facility in the United States. As such, it will set a precedent for other offshore renewable energy projects.

Please require a rigorous, scientific review of its environmental effects. Clean air and healthy wildlife populations are not mutually exclusive. We need both.

Sincerely,

Linda McKillop
2230 So. 222nd St.
Seattle, Washington 98198

3460

Adams, Karen K NAE

From: LHeureux Michelle [cearyth@yahoo.com]
Sent: Tuesday, February 15, 2005 7:58 PM
To: Energy, Wind NAE
Subject: Cape Wind Farm

Hi,

I wanted to tell you that I strongly support the Cape Wind Farm project. We need to start implementing more wind farm projects as they don't pollute the environment.

I don't think that there are any negative affects to the environment, there are lots of offshore wind farms in Europe that don't harm birds or fish.

Also, the wind farm will not be that visible from the coastlines.

I hope you take this into consideration when you make your decision.

Michelle L'Heureux
11 Nickerson St.
East Falmouth, MA 02536

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<http://mail.yahoo.com>

3461

Adams, Karen K NAE

From: Jt494@aol.com
Sent: Tuesday, February 15, 2005 10:47 PM
To: Energy, Wind NAE
Subject: Cape wind project

We must not allow the Cape Wind Project to be put in place. This would be both a travesty and a tragedy. Putting these towers in Nantucket Sound is like putting them up in the Grand Canyon or in the middle of Lake Placid. No amount of study can really project the true long term effects on the environment. Who will be there to maintain these towers when Cape Wind sells out to collect the return on their investment?

More important, a corporate land grab of this sort cannot be allowed. Corporations taking over public land whenever and wherever they please is a very bad precedent to set.

Please do not allow it to happen.

Julie & William Sargent

3462

Adams, Karen K NAE

From: APKCaper@aol.com
Sent: Tuesday, February 15, 2005 11:12 AM
To: Energy, Wind NAE
Subject: Pauline Nickerson Kennedy statement of support for Capewind Energy

At 86 years of age I have enjoyed attending comment sessions in preparation of the US Army Corps of Engineers draft and final environmental impact statements re: proposed offshore wind turbine placement in Nantucket Sound. So why is this Nickerson Family lady supporting the wind farm? I was raised with a great appreciation of history, service and geneology. The historical presence of wind in the proposed area of development is the same location of wind that propelled Nickersons to wars of national independence in the period 1774 to 1814. Herring River, Stage Harbor, Bass River are but a few of the gateways to Nantucket Sound wind that propelled and engaged my people in an interest in cutting dependence on almost anything "foreign."

The wind farm at hand must serve as a prototype for nationwide development of renewable, alternative, clean energy. In the nearly 400 years that my Nickerson family has farmed the seas--from Chatham, along Cape shores and westerly to the rest of the nation-- the national interest has been the paramount, overriding concern. Stephen Nickerson sailed out of Herring River to catch the offshore winds that enabled him to serve seven years in the American Revolution. Lindsey Nickerson fought on the seas in the War of 1812 but returned home to become the Windmillkeeper of Harwich Center; Albert Lindsey Nickerson served years as President of Mobil Corporation--appreciating clean development of fossil fuel. My Nickerson people have farmed the seas and have been consumed by them. My father, his brothers, myself have all met or nearly met our fate in the very waters you are undertaking to develop. Be served notice herewith: the seas can be treacherous, and I guess that's the naivette Osterville homeowners don't realize in placing their trophies near the edge of the table.

We are at a critical juncture in our nation's history:Hard choices must be made. My husband was a Major in the Army Corps of (Amphibious) Engineers and made many difficult decisions offshore from the beaches of Cape Cod to the side of Douglas MacArthur. My son William Nickerson has completed 30 years in the nuclear power industry; my youngest son has lived in the Middle East almost 20 years, another son worked in the Houston oil industry and drafted memos for George I and II.

I am resolute in this endorsement. Do clean up as you go about. Developers must price their product fairly in the product mix. The fish will probably increase their stocks. The winds are a source of independence...and productivity; the Nickerson family is the proof in the pudding. The wind farm is defintely in our national interest. May the strong right arm of Massachusetts show the rest of the country what the Cape can -- indeed must --do!!! The clock is ticking on this national imperative.

Sincerely, and Godspeed

Pauline Nickerson Kennedy

3463

Adams, Karen K NAE

From: jsull.11@juno.com
Sent: Tuesday, February 15, 2005 1:06 PM
To: Energy, Wind NAE

I support the Cape Cod wind farm proposed for Nantucket Sound. I believe it will provide a healthier environment for the citizens of Cape Cod. If our elected officials really care about "the people" then they must see the most benefit for the most populace by cleaning the environment, reducing health risk and relieving us of our dependence on foreign oil. I believe it is progress toward the freedom from oil and gas rich suppliers who exercise more and more influence over the United States economy. I see no shortterm releif from the high prices for foreign and /or domestic oil and gas. The benefits far outweigh the disadavantages of scenic obstruction. As for the commercilaization of Nantucket Sound that happened years ago.

Joe Sullivan
email: jsull.11@juno.com
tel: 508-778-8959

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Adams, Karen K NAE

From: Jim Hadley [jhadley@gis.net]
Sent: Tuesday, February 15, 2005 3:19 PM
To: Energy, Wind NAE
Subject: Cape Wind Energy, EIS Project

February 15, 2005

Karen Kirk-Adams

Cape Wind Energy EIS Project

U.S. Army Corps of Engineers, New England District

696 Virginia Road

Concord, MA 01742-2751

RE: Letter of Support for Proposed Wind Farm – Nantucket Sound

Dear Ms. Kirk-Adams:

Although a locally elected government official in New Hampshire, I felt compelled to write this letter of support for the above-referenced proposal. Given that our imported energy transcends both state and municipal boundaries, I support this project unequivocally. When one is faced with a choice of continuing to supply 75% of the Cape's electricity needs with foreign oil shipped in the seas close to Nantucket Sound where oil spills can occur versus clean, renewable wind energy, the decision should be a no-brainer.

In the August 30, 2004 Energy Daily, then Acting Under Secretary for the U.S. DOE was quoted as saying "there may be, conservatively speaking, more than 100 gigawatts of wind capacity just off of the New England coast". To harness this energy we will need an Army Corps of Engineers permitting office and process that will weigh each proposal based on whether it is for the "public good". Not whether the oil lobbyists or others may feel as though it will infringe upon their special interests.

Creating electricity without the pollution that results from transporting and burning fossil fuels should be a priority of federal, state and local officials. I ask that you continue to look favorably upon this proposal and to put the people's best interests ahead of the special interests. The substantial public benefits and positive environmental and economic impacts will be sustainable.

Thank you for taking the time to read this letter. It is very much appreciated.

Sincerely,

James Hadley, current Northwood, NH Planning Board member, Northwood Selectman (3/01 to 3/04)

PO Box 104

W. Nottingham, NH 03291

2/15/2005

3465

Adams, Karen K NAE

From: Charles Robinson [charleserobinson@yahoo.com]
Sent: Tuesday, February 15, 2005 4:31 PM
To: Energy, Wind NAE
Cc: Matthew Palmer
Subject: Please support the Nantucket Wind Farm Projects

Attention: Karen Kirk Adams
U.S. Army Corps of Engineers New England District Cape
Wind Energy EIS Project

Dear Ms. Adams,
From its inception as an economically viable means of energy production, I have been a staunch supporter of Wind Energy. My own background as a mechanical engineer began in the Nuclear Power Industry where I gained a clear personal knowledge of the environmental compromises inherent in all methods of electricity production.

Without doubt, Wind Energy farms such as the proposal you are reviewing for Nantucket Sound is the penultimate, environmentally friendly means to manufacture electricity. In my current position as a scientist involved with analysis of cellular stress in organisms exposed to xenobiotic runoff, I am thoroughly familiar with the environmental degradation that is taking place due to heavy metals such as mercury. Rapid approval and construction of the Cape Wind turbine farm will immediately aid in reducing this environmental burden.

In addition to the Nantucket project, I strongly support the construction of hundreds of wind energy farms across the Plain States, as well as massive farms surrounding the North American seaboards. Please clear the way for permits for wind farms to be rapidly approved by the Army Corps. of Engineers.

I have read with great dismay the criticisms against this splendid project. There is no need to go through the arguments one by one, as all of the criticisms are without merit. In comparison to any other method or technology we have available to produce electricity, all of the arguments I have read amount to no nothing less than political propaganda.

I have faith that the Army Corps. of Engineers will not bow to political pressures simply because extremely powerful figures such as Ted Kennedy oppose this project.

Please give your full support to the Nantucket Sound Wind Project.

Sincerely,
Charles E. Robinson, Ph.D.
Director, Research and Development

Haereticus Environmental Laboratory
488 Little Lake Lane
Amherst, Virginia 24521

3465



3466

Colonel Thomas Koning
U.S. Army Corp of Engineers
696 Virginia Rd.
Concord, MA 01742

February 13, 2005

Dear Colonel Koning:

This purpose of this letter is to object to the construction of the windmills in Nantucket Sound.

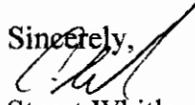
I have three concerns. Although I am a proponent of wind power I worry about the danger to navigation. I often sail with my family from Waquoit Bay in East Falmouth to Nantucket. We have done this in the fog relying on our radar for safety. I can't even imagine what my radar screen would look like in the middle of the windmill field. Most of us sailors who rely on our radar in these situations can certainly tell when an object is near; however, we are not trained radar technicians, and we also cannot devote all of our attention to the screen with limited crew. Frankly the whole scenario scares me.

My second concern is the transformer substation. In all the information I have read Cape Wind seems to gloss over this huge eyesore with its enormous potential for environmental damage.

My third concern is maintenance. I know first hand what the salt water environment does to deteriorate anything no matter what it is made of. I know these windmills will end up being rusty relics down the road that will require large sums of money to replace or remove them.

Cape Winds' motives are pure profit. The location has been chosen because it is free and nobody has jurisdiction over it. What happens to the project in the future is not a concern to Cape Wind. They will have sold it off long before that.

Sincerely,


Stuart Whitla
42 Lincoln St.
Medway, MA 02053

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FEB 15 2005
U.S. ARMY CORP OF ENGINEERS



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 1
1 CONGRESS STREET, SUITE 1100
BOSTON, MASSACHUSETTS 02114-2023

3467

OFFICE OF THE
REGIONAL ADMINISTRATOR

February 11, 2005

Susan Nickerson
Executive Director
Alliance to Protect Nantucket Sound
396 Main Street
Hyannis MA 02601

Dear Ms. Nickerson:

Thank you for coming in to discuss the Alliance's analysis of air quality issues addressed in the Draft Environmental Impact Statement for the Cape Wind Project with our EPA staff on January 7, 2005. We appreciate the time and effort that your organization continues to expend in reviewing this project.

Let me assure you that our staff is also evaluating these sections of the DEIS and is conducting that analysis in light of the concerns you raised in our meeting on January 7 and your follow-up letter of January 19. We will be addressing air quality benefits within the larger scope of our comments on the DEIS and will submit them to the Corps in our comments by February 24, 2005.

If you have further questions about this, please feel free to contact Betsy Higgins of my staff at 617-918-1051.

Sincerely,

Michael Kenyon
Chief, Air Programs Branch

cc: Ira W. Leighton, EPA, Deputy Regional Administrator
Congressman William Delahunt
Secretary Ellen Roy Herzfelder
Senator Edward M. Kennedy
Senator John F. Kerry
✓ Colonel Thomas Koning
Attorney General Thomas Reilly
Governor Mitt Romney

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FEB 15 2005
OFFICE OF THE
REGIONAL ADMINISTRATOR

10 Aralon Drive Apt 6

Marlboro MA 01752-3575

Feb. 12 2005

Colonel Thomas Honig

U.S. Army Corps of Engineers

696 Virginia Rd, Concord MA 01742

3468

Subject: Alliance to Protect Nantucket Sound

Dear Colonel Honig:

Please do what you can to prevent
any further development of a Wind Farm
on Cape Cod.

Respectfully yours,

Murray M Scott

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FEB 15 2005

U.S. ARMY

3469

February 14, 2005

Dear Colonel Koning:

As an ardent lover of Nantucket Sound I am deeply opposed to Cape Wind's plans to visually and environmentally pollute that body of water which gives joy to our citizens, a home for wildlife and a source of livelihood to many. The Cape Wind's Impact Statement is inadequate and is being pushed by those ready to get rich at the expense of taxpayers.

Sincerely,
Antoinette H. Thibeault

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FEB 14 2005

10:00 AM

Sidney W. Croff

3470

31 Davis Brook Drive, Natick, Massachusetts 01760

Jan. 31, 2005

Dear Colonel Norump,

Please consider my concerns regarding the Cape Wind Draft Environmental Impact Statement.

Thoughtful citizens agree that "clean energy" is a worthy alternative to coal & oil. However Nantucket Sound is not a reasonable site for a factory.

Mt. Rushmore is it either. Please investigate further optimal, useful sites that wouldn't destroy a national natural sanctuary.

Sincerely
Sidney Elizabeth Croff

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FEB 18 2005

MASSACHUSETTS

Dan & Eileen De Pompei
35 Haynes Road
Sudbury, MA 01776

3471

February 12, 2005

US Army Corps of Engineers
696 Virginia Road
Concord, MA 01742

Attn: Colonel Thomas Koning

Subject: Cape Wind Draft Environmental Impact Statement

Colonel Koening:

This letter is written to document our concern for the proposed commercial wind farm development in Nantucket Sound.

We have resided in Massachusetts for 32 years. During that time, we have come to understand how important it is to preserve the natural beauty and resources that are the substance and the character of Massachusetts.

Eileen and I are very concerned about what we feel are inadequate studies and inadequate risk definition in the Cape Wind Draft Environmental Statement. We are especially concerned about air and boat navigation safety, impacts to birds and other wildlife, pollution threats from oil on the transformer substation, visual pollution and associated economic and tourism impacts, and the analysis of alternative sites.

We specifically request you revisit these areas in the report and more completely define the risk associated with this proposed windfarm. The source of all energies are natural resources. We believe, in this case, the potential economic gain from energy production does not justify the potential economic and environmental losses resulting from permanently altering Nantucket Sound.


M. Eileen DePompei

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FEB 15 2005

U.S. ARMY CORPS OF ENGINEERS

3472

KEITH D. BERNARD
6 BARBARA Rd.
Hopkinton, MA 01748
508.435.3887

RECEIVED
FEB 15 2005
U.S. DEPARTMENT OF THE INTERIOR

February 10, 2005

Dear Colonel Koning -

I am writing to voice my strong opposition to the proposed wind farm in NANTUCKET Shoals. I believe the Cape Wind Draft Environmental statement is inadequate in many areas including:

- * - boat navigation
- impact to birds & other wildlife
- pollution threats from the wind transfer station
- * - VISUAL POLLUTION
- * - impact on tourism.
- * - ANALYSIS of other locations

NANTUCKET SOUND IN A STATE Treasure. I have fished there many times. Please, Please Please, lets stop this travesty from going further. Thank you

3473

Alison A. Maloney
14 Leda Rose Lane
Marstons Mills, MA 02648

Colonel Thomas Koning
US Army Corps of Engineers
696 Virginia Rd.
Concord, MA 01742

Feb. 11, 2005

Dear Colonel Koning:

I am a resident of the town of Barnstable, on Cape Cod, Ma. I am writing you today in regard to the Wind Farm.

It is my position that the Cape Wind Draft Environmental Impact Statement is inadequate. I believe it is inadequate in areas including the impact to birds and other wildlife. Pollution threats from oil on the transformer substation, air and boat navigation safety, visual pollution and associated economic and tourism impacts, and the analysis of alternative sites.

If this were happening on land there would be much more analysis and scrutiny. The project be subject to review by zoning, building, health, environmental, and planning boards, not to mention the Cape Cod Commission. The project would have to conform with the guidelines set forth by these governing agencies. The project could not go forward without approval from those boards.

Please stop this project! This would be a dreadful mistake.

Sincerely,


Alison A. Maloney

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FEB 15 2005
PLANNING DIVISION



HYANNIS MARINA

3974

1 Willow Street, Hyannis, Massachusetts 02601 • Tel: (508) 790-4000 • Fax: (508) 775-0851
Email: info@hyannismarina.com

US Army Corps of Engineers New England District
Regulatory Office
Attention: Karen K. Adams
696 Virginia Road
Concord, MA 01742-2751

Response to the DEIS, I do not agree with the ice section. Specifically;

I. Relative to the rotor blades hurling ice:

Studies from the "Assessment of Safety Risks Arising from Wind Turbine Icing" show that up to a 1500ft safety area is needed from ice covered turbines. This set back will push boats out of all of the main channels at various spots unless the wind turbines themselves are set back 1500ft from the channels.

This means that any boats working inside the wind farm area, such as fishing boats fishing in the colder months will be unable to remain 1500ft from a turbine because there is not 3000ft between any structures. This will cause commercial fishermen a substantial loss of income because it will be too dangerous on colder days from November to April to fish in the whole 24sq mile area.

II. Relative to navigating in the winter months:

Some winters, ice forms from the Cape's southerly shore solid all the way to Nantucket and Martha's Vineyard at times and ice breakers have to assist the Steamship Authority and the HyLine by breaking ice to clean the ferry routes. Ice in Nantucket Harbor has reached up to four feet of thickness. During the winter of 1977~78 and 1978~79 the ice became 2'~3' thick all thru the Sound.

What will change with the wind farm is that the natural flow of ice will be disrupted in an immense way because the 24 sq miles of Nantucket Sound will now have mono piles and a service platform which will all serve to hold these huge ice sheets in place. This also means that as other large sheets of ice try to flow East and West with the current and they will mound on top of ice that is held in position by the wind farm and mound up very thick along the perimeter of the wind farm.

The traffic paths for the Steamship and the HyLine in the established channels, border tightly along the perimeter of the wind farm. This will result in the traffic lanes being blocked by mounded ice, which will become extremely thick. If the wind farm goes in, the Coast Guard will need to budget for more ice breaking so that they can keep this area open or the wind farm developers will need to be ordered to provide their own ice breakers or the essential government function that the ferries provide will be interrupted. The ice jamming may have the greatest effect on the possible interference with the delivery of crucial fuel and food to the Islands of Nantucket and Martha's Vineyard.

There enclosed photos are from the 03/04 winter when the Coast Guard was breaking ice for the Steamship Authority last winter was neither a mild or a very tough winter.

Sincerely,

Wayne Kurker

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FEB 15 2006

REGISTRATION SECTION

















hurs

3475

58 Prescott Street
Newton, MA 02460
(617) 964-4264

Karen Kirk-Adams
Cape Wind Energy EIS Project
U.S. Army Corps of Engineers
New England District
696 Virginia Road, Concord, MA 01742
wind.energy@usace.army.mil

February 14, 2005

Dear Ms. Kirk Adams:

We are writing to express our support of the Cape Wind project.

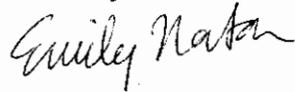
We are natives of Massachusetts and Rhode Island, respectively, and have been vacationing on Cape Cod our whole lives.

We have heard the objections of those who oppose the project and find them to be unpersuasive and even selfish.

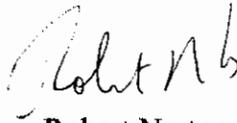
They say the wind turbines will be unsightly. We say we will get used to them and in time find them beautiful, because they will represent clean energy that does not increase our dependence on Arab countries whose populations hate us.

In addition, right now much of our energy comes from oil drilling, dams, or other ways that entail enormous environmental destruction. The only difference is that we can't see it. "Out of sight, out of mind" is not a morally defensible argument.

Sincerely,



Emily Norton



Robert Norton

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FEB 15 2005

CONCORD

3476

Jacob Litoff
58 Union Street
Millis, MA 02054

February 13, 2005

Karen Kirk-Adams
696 Virginia Road
Concord, MA 01742-2752

Dear Ms. Kirk-Adams:

I can't tell you how happy I would be if this Cape Wind project goes through. It will be wonderful to have to rely less on fossil fuels that seem to require wars and many human deaths weekly for us to be able to get these days. As we gradually free ourselves of reliance on fossil fuels we will be doing a great service to our planet in finding a much cleaner source of energy that is also renewable.

Starting this long sought after windpower off the Cape will also be great for our economy as it will create many new jobs in this area. We will no longer have to have people travel half way around the world to get fuel for our energy.

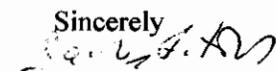
Cape Wind will have no negative affects on sea navigation or on the environment. Similarly it will cause no bad effects to happen to the tourism or the natural surroundings. I've heard enough stories of the tribes of Africa being shot and killed if they protested having their native land being destroyed and their home towns made unliveable by the OPEC industries all so we could have fuels sent here to keep our houses warm in the winter.

I am a member of Greenpeace and I strongly praise the work they're doing around the world to help keep our planet liveable. They are also strong supporters of this project.

Many of us are getting very concerned with the rising cost of heat as the amount of fossil fuels available is rapidly diminishing. This month my heating bill was the highest I've ever seen. Switching to this new form of energy could help reduce the cost of energy for many people, and help make our lives here in MA more affordable.

Great research has gone into this project by many organizations and it will produce wonderful results.

I encourage you to strongly support this Cape Wind project.
Thanks

Sincerely

Jacob Litoff

RECEIVED

FEB 15 2005

CLYDE LARSON

3477

10 Rev. Thomas Hooker Road
Westborough, MA 01581
February 8, 2005

Karen Kirk Adams
Cape Wind Energy Project EIS Project Manager
Corps of Engineers, New England District
696 Virginia Road
Concord, MA 01742-2751

I am writing in opposition to the Cape Wind Energy Project that is currently under permitting review by the Army Corps. of Engineers.

As a Massachusetts citizen and a Cape Cod property owner, I have been watching this proposed project that would be establishing a president in our country very carefully.

From the policy perspective, I have learned that there is no existing State or Federal policy that directly addresses:

- Permitting
- Funding
- Siting

of offshore wind energy projects.

Also, there is no State or Federal:

- Legislative process
- No agency oversight
- No decommissioning requirements
- No protection for the waters off the coast of Massachusetts

From the environmental perspective, the potential known and unknown (due to a lack of knowledge our country has gained with such ocean developments of this tremendous size) negative consequences to our ocean environment, far exceed the potential benefits.

Furthermore, the process currently being used to address such proposals contains many loop holes which do not protect the interests of United States citizens (Public Trust Doctrine).

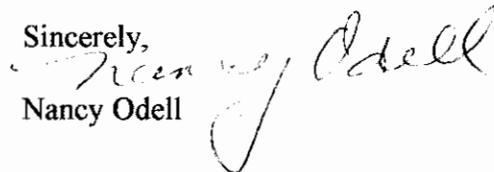
Until such a plan and process is put into place for offshore wind energy developments, any wind energy proposal runs the risk of taking away the rights of citizens living along our coastlines, and even worse, placing such rights in the hands of corporate interests.

I hope as the Army Corps. of Engineers reviews this project they closely examine the potential threat to our coastlines and furthermore, consider on land alternatives.

Thank you for this opportunity to comment.

Sincerely,

Nancy Odell



RECEIVED
FEB 15 2005
CORPS OF ENGINEERS

3470

Susan Farist Butler, RN, MSN, CS, PhD
14 Clinton Street
Cambridge, MA 02139
Phone/Facs: 617-492-0014

February 14, 2005

Ms. Karen Kirk Adams
Cape Wind Energy Project EIS Project Manager
Regulatory Division
Corps of Engineers, New England District
696 Virginia Road
Concord, MA 01742-2751

Dear Ms. Adams:

I have recently learned of the Governor's suggestion of having the wind farm in an unused portion of Boston Harbor. I think that is a fabulous idea and strongly urge you to re-consider your former position against that plan.

Please support the construction of the wind farm in Boston Harbor,

Sincerely yours,



RECEIVED
FEB 15 2005
REGULATORY DIVISION

3478

Susan Farist Butler, RN, MSN, CS, PhD
14 Clinton Street
Cambridge, MA 02139
Phone/Facs: 617-492-0014

January 9, 2005

Ms. Karen Kirk Adams
Cape Wind Energy Project EIS Project Manager
Regulatory Division
Corps of Engineers, New England District
696 Virginia Road
Concord, MA 01742-2751



Dear Ms. Adams:

I write in support of the Nantucket Sound Wind Farm. I am a sailor and I have sailed since before I was born. All my life I have sailed in Buzzards Bay, Vineyard Sound, Nantucket Sound, Mass Bay, and down Maine. My family has sailed for many generations. My parents and siblings have sailed across the Atlantic twice. My grandfather sailed out of Marblehead harbor usually to the Cape, or down Maine. My great, great, great grandfather and his family were shipbuilders in Port Jefferson, New York, and he, Captain William Laurence Hunt, was a captain of a clipper ship. My grandfather has always alleged that his great-grandfather was eaten by cannibals. Never proven, just "lost on one of his trips to the Orient." Sailing has been an important part of my family for many, many generations.

Presently, I sail out of both Marion and Padanarum. My destinations often include Buzzards Bay, Vineyard Sound and Nantucket Sound. I am retired fleet Captain of the H-12 class in Marion, and past President of the H-12 Class Association overall. At a number of our meetings I brought up the topic of the wind farm, and many of the members supported the project. No official poll was ever taken.

I strongly support the wind farm project for Nantucket Sound. To harness the magnificent force of the wind is a spectacular skill and a feat worthy of great admiration, by whatever means it is attained. To turn away from an opportunity to protect our planet while generating significant electricity is simply a vanity.

I urge you to support the construction of the wind farm,

Sincerely yours,
SFB

Copyright sfb 2005

3479

225 Oxford Drive
Cotuit, MA 02635
February 8, 2005

Cape Cod Commission
P.O. Box 226
Barnstable, MA 02630

Re: Cape Wind Energy Project DEIS
Cape Cod Commission Staff Report Feb. 8, 2005 JR# 20084

Dear Cape Cod Commission,

I fully support the Cape Cod Commission Staff Report on the Wind Project DEIS. It is well researched and covers many issues important to Cape Codders and all the public.

I have previously submitted letters opposing any wind farm in Nantucket Sound. Information in the DEIS reinforces my positions concerning the safety of boats, ferries and low flying aircraft, the disruption of commercial and recreational fishing, and the disruption of all forms of wildlife (benthic to whales). The finding that many of these problems are ACCEPTABLE RISKS is an affront to all the public.

European Experience

The DEIS attempts to take advantage of European experience with offshore wind farms by forming a Peer Committee. But much of the advice of the Peer Committee has been ignored¹ in the DEIS studies. Some examples include:

- "There was some concern expressed about the 200 MW size, with reviewers noting that most wind projects were significantly smaller than that and were still utility scale." "most reviewers felt that a project didn't necessarily need to be over 200 MW to be utility-scale or to interconnect to the ISO-NE."
- "strongly recommended that USACE include multiple smaller land-based projects as an alternative"
- "concern was expressed about the environmental impacts, particularly in areas of some uncertainty, such as avian impacts, and the effect of underwater noise, vibration and electromagnetic fields on marine creatures"
- The IEC Technical Committee 88 has developed standards for offshore wind turbines. "These standards will be of paramount importance in offshore wind turbine design and should be noted in" the DEIS.
- "Serious concern was expressed about the long-term viability of the project and the possibility of project failure" "a project scaled within the limited industry offshore experience could help insure the long-term viability of the proposed wind farm."

A recent report from the OSPAR Commission² shows that experienced Europeans are concerned about the many unknowns of offshore wind farms. OSPAR is made up of

¹ Peer Review Committee "Technical Review of Preliminary Screening Criteria for the Cape Wind EIS; Consolidated comments" September 30, 2003 DEIS Appendix 3-E

² "Problems and Benefits Associated with the Development of Offshore Wind-Farms", OSPAR Commission 2004 www.ospar.org

3479

representatives from 15 European countries and the EU. Members represent the Danish EPA, the Swedish EPA, etc. Their report states that "The use of offshore wind energy is a relatively new activity in the marine environment and there are, therefore, a lot of knowledge gaps with regard to both potential impacts and the scale of such impacts on the marine environment in relation to local areas .." The report goes on to list eighteen gaps in scientific knowledge and the need for future research. All of these knowledge gaps involve issues germane to Horseshoe Shoal and Nantucket Sound. The report also includes several impacts of offshore wind farms which have not been appropriately addressed in the DEIS.

The European experience teaches that we should be very cautious in locating offshore wind farms. The DEIS ignores much of the advice of the European Peer Committee. The deficiencies in many DEIS analyses, as discussed in the Staff Report, show how inexperienced U.S. companies and agencies are in offshore wind farms. Nantucket Sound is not the place to put a large industrial complex that is fraught with knowledge gaps and risks.

Preliminary Site Screening Criteria 3.4.1

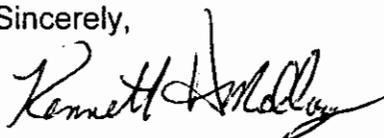
The Preliminary Site Screening Criteria 3.4.1 does not reflect the European Peer Committee concerns and statements that the project does not need to be greater than 200 MW in size. The recommendation that multiple small land-based projects be considered is also ignored.

The DEIS Criteria for offshore water depths less than 50 feet MLW with extreme storm wave (ESW) heights of less than 20 feet are too restrictive. The Peer Committee states that "70 feet seems to be the current depth limit at which projects can still be installed on an economic basis and this is even being exceeded by the depths of some projects recently awarded in the United Kingdom." "the case study references the Blyth project which is reported to have an ESW of 28 feet and to be experiencing breaking waves".

The Long Island Power Authority wind farm uses 70 foot water depth criteria and will experience ESW heights in excess of 30 feet.

It is not clear why the Preliminary Site Screening Criteria has remained the same as when first proposed years ago. It was pointed out at MTC and USACE meetings that the criteria are specific to Horseshoe Shoal. It is clear that additional work is needed to provide a wind farm site selection based on sound technical decisions.

Sincerely,



Kenneth H. Molloy, P.E.

CC: Army COE Colonel Thomas L. Konig
MEPA Secretary Ellen Roy Herzfelder

RECEIVED

FEB 16 2005

10:00 AM

ROBERT A. di CURCIO
2 Vesper Lane
Box 1451
Nantucket, MA 02554-1451
(508) 228-2385

3480

Feb. 10, 2005

**Colonel Thomas Koning
U.S. Army Corps of Engineers
696 Virginia Road
Concord, MA 01742**

RECEIVED
FEB 11 2005
U.S. ARMY CORPS OF ENGINEERS

I believe that there will surely be unforeseen negative consequences to installing hundreds of large wind generators of electricity in a body of water like Nantucket Sound. Once the foundations have been poured, it will be next to impossible, not to mention expensive, to set things right again. A private entity will not have the resources adequate to dismantle and remove hundreds of large towers. No matter how well engineered, these mechanical devices, exposed to the rigors of New England weather, will eventually fail.

I believe that Cape Wind should install one (1) such generator, somewhere on land, at their expense, and demonstrate the viability of the concept, the cost of maintenance, and the cost of dismantling, removal, and replacement -- before hundreds of their untried systems are permanently situated where they will conflict with the safety of navigation. To rush headlong into such a gigantic disruption of human and animal environment is neither well-advised nor prudent.

Thank you very much for your efforts to conserve and protect the many unique attributes of Nantucket Sound.

Very truly yours,

Robert A. diCurcio

**Robert A. diCurcio Nantucket, MA 02554 508-228-2385
www.VermeersRiddleRevealed.com**

February 10, 2005

3481

Dear Colonel Koning:

I am writing to you to express my total opposition to building an industrial complex of windmills and the necessary maintenance structures on Nantucket Sound. The Environmental Impact Statement is, and always will be, inadequate because there is no way except common sense to assess "visual pollution". If this mess-strawcity is to be built to "reduce our dependence on non-renewable energy sources," simply get the government to put the national speed limit back to 55mph! In two to three years (about the time it would take to construct the mess in Nantucket Sound,) the U.S. would be off foreign aid.

I moved from the Cape two years ago. Part of the reason I left was the possibility of this wind disgrace coming about.

Sincerely

Robert D. Paul
26 Martin Circle
Plymouth, MA
02360

Formerly a resident of Plymouth for 11 years

49 Riverdale South
South Dennis, MA 02660

3482

Colonel Thomas Koning
US Army Corps of Engineers
696 Virginia Road
Concord, MA 01742

RECEIVED
MAY 15 2005
U.S. ARMY CORPS OF ENGINEERS

Dear Colonel Koning:

I do not feel that the Environmental Impact Statement which the Corps of Engineers has prepared is sufficient to allow approval of the proposed Wind Farm on Nantucket Sound. As extensive as the draft report is, it has not adequately addressed many areas, such as the potential for pollution from the oil stored on the transformer substation, the impact on wildlife – especially birds, and safety issues dealing especially with boats and airplanes. I feel that it is extremely important to gather as much information as is available from ALL sources – not just the consultants paid by the applicant. It appears that in producing this report, the Corps has considered only a small part of the necessary information needed to allow construction of a project of this size, especially considering the location that is proposed.

Of great concern to me is the fact that this draft prepared by the Corps was based on information from consultants paid for by Cape Wind. How can there be any confidence that this information was impartial and not biased to favor the applicant? This project and the potential for many other similar ones, is far too large and its impact too great to be approved without first having regulations in place that control all proposed wind farms nation wide.

I urge you to delay the release of the final EIS until an independent commission studies this proposal, and the Corps receives data from this impartial source. Also, information from those opposed to the project should be considered and included in your final report. If a final EIS is based on information from all sides of this issue, there will be much more confidence in its accuracy and impartiality.

The entire impact of projects such as this should be studied carefully by an independent commission charged with developing Federal regulations for any development in our coastal waters. Before any project of this type and size goes any further, there should be regulations in place to cover the construction of Wind Farms in all coastal waters of the United States, such as has been done for oil drilling. Without regulations in place, we are opening up the potential for many such developments, with no control over the final impact.

Nantucket Sound is a very precious area that deserves protection, not development. This project is called a “Wind Farm” but in fact it is a huge “Power Plant”. To construct that in Nantucket Sound is to begin the destruction of one of the most special areas of our coast. It is no secret that there are already other proposals for similar projects in the same coastal area, and without regulations in place, once the first one is proposed the others will just fall in line and be approved. Does anyone know what the impact of several “Wind Farms/Power Plants” will be? Does anyone care?

3482

I am strongly opposed to the idea that a private company is able to arbitrarily pick out a site for their project that is not owned by them, but in fact is in public ownership, and be allowed to use it (without purchasing or leasing it) and make a profit for their investors. This is setting another precedent that will automatically allow more of these projects to be developed with no control, and ultimately lead to a tremendous loss to the public in many ways.

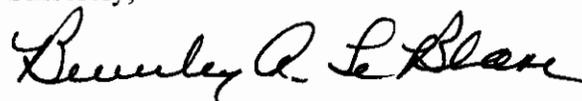
As part of the approval process, there should be a extensive search for alternate sites, and the fact that it would be more expensive for the company to use another site should not be a reason to eliminate them. I believe that there has not been enough of an effort made by the Corps to come up with any other sites for this type of project.

It is within your power to find and recommend another site outside of Nantucket Sound for this project. We who voice opposition are opposed to the location in Nantucket Sound. We are not opposed to wind farms or alternative energy. It is wrong to destroy such a precious natural resource in the name of alternative energy.

I have been an environmentalist for decades and have worked for years here on Cape Cod to preserve our beautiful land and waters. Even though I strongly believe that we must find alternate energy sources, I can not in all good conscience support the destruction of Nantucket Sound in order to produce alternate energy. There are many other places and ways to achieve that goal.

Before you go any further with the approval process, regulations must be drawn up for the construction and placement of Wind Farms/Power Plants in this country. Only then, should these projects be considered, and approval granted or denied. Nantucket Sound is too precious to destroy! At this time, the Corps is the only agency that has the power to make the decision to preserve or destroy Nantucket Sound. **Please, protect it!**

Sincerely,



Beverley A. LeBlanc

RECEIVED

AUG 15 2005

PLANNING DIVISION

3483

P.O. Box 1074
65 Buckley Road
West Dennis, MA 02670
February 12, 2005

Colonel Thomas Koning
U.S. Army Corps of Engineers
696 Virginia Road
Concord, MA 01742

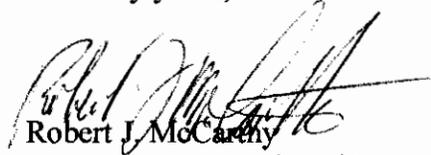
Dear Colonel Koning:

My husband and I are writing to express our opposition to the acceptance of the Cape Wind Draft Environmental Impact Statement. We feel strongly that the Statement is too large and covers too much of importance to be accepted without further study. As constituted, the Statement is inadequate in so many areas including: air and boat navigation safety, impacts to birds and other wildlife, pollution threats from oil on the transformer substation, visual pollution and associated economic and tourism impacts, and the analysis of alternative sites.

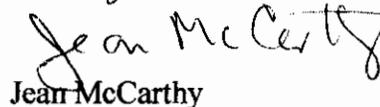
Both of us are seriously committed to alternative energy and to conservation. We drive a hybrid car, recycle everything possible, and financially support a number of organizations that are in favor of the environment and conservation. The Wind Farm concept is a good one, but putting 130 windmills each taller than the Statue of Liberty in the middle of Nantucket Sound is unacceptable. The Cape's economy is tourism based. Those windmills will be clearly visible from Lewis Bay. The Hyannis ferries to both Martha's Vineyard and Nantucket will pass right by. Those of us who enjoy boating will have to contend with the visual pollution as well as navigational hazards.

The best projects result from adequate input from people who know the area best. Many of us who live on the Cape feel as if this project is being railroaded through. We sincerely hope that the Army Corps of Engineers will suspend its review of the Statement until the government has developed a comprehensive plan to protect Nantucket sound from the rising tide of conflicting, competing and often dangerous uses. Thank you.

Sincerely yours,



Robert J. McCarthy



Jean McCarthy

RECEIVED

FEB 15 2005

THOMAS K. ROBINSON

PAUL NOSSITER

109 South Street • Bass River, MA 02664

Dear Col. Koning,

Feb. 11

3484

I'll be brief. I am completely in favor of wind power. I am totally opposed to the sighting of such towers in Nantucket Sound. I have lived on the Cape for close to 50 years, have served on school committees, various public groups, and spent much energy in helping to get the National Seashore established.

I am not happy with the Cape Wind Draft Environmental Impact Statement. I think it doesn't questions about safety for planes and boats, about possible oil pollution and impact on birds and fishing. It certainly doesn't answer questions about visual pollution and the negative affects this will have on our tourist economy.

Thank you for reading this.

Yours truly,
Paul Nossiter

3484

RECEIVED

FEB 15 1985

MAINTENANCE

3485

Deborah Eldridge

810 Inverness Lane , Birmingham, Alabama 35242

February 09, 2005 10:58 AM

Colonel Thomas Koning
U.S. Army Corps of Engineers
696 Virginia Road
Concord, MA 01742-2751

Subject: Ensure 'Cape Wind' Project Is Safe for Wildlife

Dear Colonel Koning:

Before you approve or deny a permit to erect 130 turbines in Nantucket Sound, please require the developer to conduct the thorough studies recommended by the U.S. Fish and Wildlife Service and the Massachusetts Division of Fisheries and Wildlife.

Specifically, the environmental review of this project should include:

- Three full years of visual observations of birds - 12 months of radar observations of flying wildlife - A thorough and timely review of the project's potential effect on wildlife, including marine mammals

These factors will help determine whether the Cape Wind project is in the best interests of both the public and wildlife.

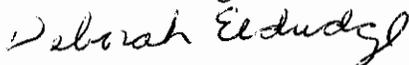
As it is written, the U.S. Army Corps of Engineers' draft environmental impact statement is hopelessly flawed, because it ignores relevant information and draws conclusions based on inadequate research.

This project could be the first marine wind energy facility in the United States. As such, it will set a precedent for other offshore renewable energy projects.

Please require a rigorous, scientific review of its environmental effects. Clean air and healthy wildlife populations are not mutually exclusive. We need both.

Sincerely,

Deborah Eldridge



RECEIVED
FEB 10 2005

Frederick W. Mosser
138 Stage Island Road
Chatham, MA 02633
508-945-0529

3486

February 11, 2005

Col. Thomas Koning
U.S. Army Corps of Engineers
696 Virginia Road
Concord, MA 01742

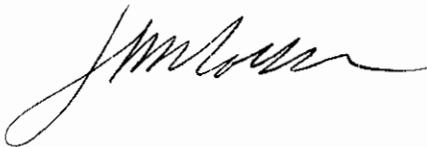
Dear Col. Koning:

I am writing in support of the Cape Wind Farm. I have no connection with the developer or anyone or organization involved with it. I am a boater and my wife is a bird watcher. I received, along with tens of thousands of others no doubt, a postcard from *Save Our Sound* urging me to write to you complaining of the inadequacies of the Cape Wind Draft Environmental Impact Statement. I'm not aware of any such campaign on the other side of this issue.

We, however, believe that the development of alternative sources of energy is important for obvious reasons. I am sure even those who oppose the wind farm also believe this to be true. It is, therefore, disingenuous of them to oppose this development simply on the basis of "not in my backyard," which is what it is.

I trust you will do the right thing.

Sincerely,



RECEIVED

FEB 15 2005

CONCORD DIVISION

3487

Mr. and Mrs. Albert Brown
34 Horatio Lane
Centerville, MA 02632

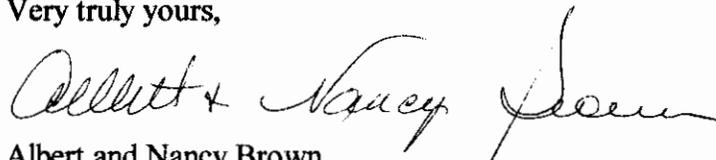
February 11, 2005

Colonel Thomas Koning
U.S. Army Corps of Engineers
696 Virginia Road
Concord, MA 01742

Dear Colonel Koning:

Please be advised that it is our opinion that the Cape Wind Draft Environmental Impact Statement is inadequate in many areas, including: air and boat navigation safety, impacts to birds and other wildlife, pollution threats from oil on the transformer substation, visual pollution and associated economic and tourism impacts, and the analysis of alternative sites.

Very truly yours,



Albert and Nancy Brown

RECEIVED
FEB 15 2005
CONCORD MASS

Peggy Gifford

348e

11 Fulling Mill Road
Nantucket, MA 02554

Dear Thomas Koning -

I continue to be very concerned about the proposed "Wind Farm" on Hussey Shoal. I feel the -Cape Wind Draft Environmental Impact Statement is inadequate in many areas including:

- air & boat navigation safety
- impacts to birds & other wild life
- pollution, threats from oil on the transformer sub-station
- visual pollution & associated economic & tourism impacts
- the analysis of alternative sites.

I am very much in favor of alternative energy resources, but not this proposal because:

- 1- it does not have a track-record of success from other such sites
- 2- the proposed site is government owned, but it is being developed by a private company in too small an area.

I hope you will consider my concerns very seriously -

Sincerely -

Peggy Gifford

Feb. 11 '05

RECEIVED
FEB 15 2005
NANTUCKET, MA

3489

Feb 10, 2005

Dear Colonel Koning.

Cape Wind Draft Environmental Impact Statement is inadequate in many areas, including: air and boat navigation safety, impacts to birds and other wild life, pollution threats from oil on the transformer substation, visual pollution and associated economic and tourism impacts, and the analysis of alternative sites.

Sincerely
Anne B Rucker

Mrs. George Rucker
50 Deerfield Rd.
Osterville, MA 02655-1409

RECEIVED

FEB 15 2005

PLANNING DIVISION

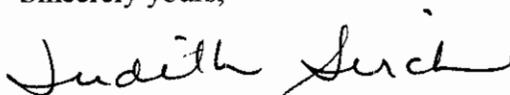
3490

February 10, 2005

Dear Colonel Koning,

This is to inform you that I do not agree with the Cape Wind Draft Environmental Statement. I feel that it is inadequate in many areas including: pollution threats from oil on the transformer station, VISUAL POLLUTION, impact to birds and other wildlife, and the analysis of alternative sites. It disturbs me to think anyone would destroy our beautiful Nantucket Sound with this monster project.

Sincerely yours,



Judith Sirch
93 Long Pond Circle
Centerville, MA 02632

RECEIVED
FEB 15 2005
COMMUNITY DEVELOPMENT

11 FEB. 05

Colonel Koning,

3491

I am writing you to let you know that Cape Cod is one the most beautiful, unspoiled places in America. People from all over the Northeast come here on vacation to enjoy the beauty of this very fragile sand bar that I am blessed to live on.

The Nantucket Sound beaches are the most popular on the Cape. The water here is warm in the summer and the shallow nature of the sound is perfect for sailboats + windsurfers.

It would be a shame to spoil this beautiful post card view and turn it into a huge industrial windmill complex. Also local fishermen say that it would be detrimental to their way of making a living.

(2)
Thousands of migrating birds fly to the Cape to rest and feed on their way north & south, these machines would undoubtedly kill many of them.

If you have never been here you should come and take a ride on Route 6A from Sandwich to Orleans. You will see that nothing much has changed since the 1700s. Then you should visit the beaches on the sound and you will see that this small piece of earth is unique.

I live near West Dennis Beach, a place that I walk on every day for exercise. I thank God everyday while I'm walking, for letting me live here and be able to enjoy this beautiful view.

Surely there must be another place to build this windmill complex where it wouldn't effect such a beautiful place and so many people.

3
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1

③

When I retired 10 years ago after fighting fires in Boston for 30 years, I fulfilled a life long dream to live in this beautiful, tranquil land. To me this place is like heaven on earth.

Please don't let this project be built here, it would be disastrous. To me it would be like ruining the Florida Keys or other natural wonders of nature.

Sincerely,

Charles A. Seaboyer

39 Regan Rd.

P.O. Box 695

W. Dennis, MA

02670

508-398-4486

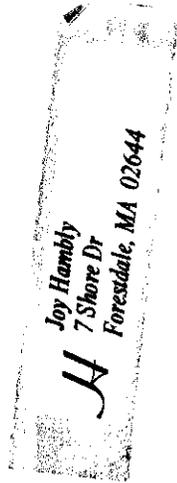
P.S. May God bless you and all our servicemen and women.

Dear Colonel Rowing,
Please consider the negative impact that Cape Wind's proposal will have on Cape Cod.

The amount of energy generated will not be adequate to have any noticeable effect on our dependence on oil. The detrimental aspect of all of those windmills will affect air and boat navigation, birds and other wildlife, clean water to say nothing of the loss of beauty. Please allow time to analyze alternative sights.

With confidence in your wisdom to do what is right for all, I am sincerely hoping you will consider all these ramifications.
Joy K Hamblly

3492



RECEIVED

FEB 15 2005

PLANNING DIVISION

(I have lived on Cape Cod since I was five years old - 59 years!)

3493
8 Monument Way
Harwich, MA 02645
February 11, 2005

Colonel Thomas Koning
U.S. Army Corps of Engineers
696 Virginia Road
Concord, MA 01742

Dear Sir:

I am writing to urge you to rethink your position regarding the wind farm in Nantucket Sound. My interest, not being knowledgeable about navigation safety or impact on birds and fish, is the "visual pollution." To me, it is unthinkable that the Sound should be chosen as the site for it, and I don't understand how it could have been allowed to advance this far, besides the fact that the developers are getting the whole site free.

Please don't let this happen.

Sincerely,

Helen L. Stearns

To Col Thomas Koning

39

3494

Please don't approve of the
Prostitution of Nantucket Sound.
Turn down this project.

Bow Kelley
P.O. Box 2297
Vineyard Haven, MA

#28 Sea Glen O.B.

RECEIVED

APR 18 1965

U.S. AIR FORCE

THE CARE WIND DRAFT ENVIRONMENTAL
IMPACT STATEMENT IS INADEQUATE IN
MANY AREAS ① Air & boat navigation safety
② Impact to birds & other wildlife
③ Pollution from oil on transformer substation
④ Visual pollution ⑤ Economic & tourism
impact ⑥ Analysis of alternate sites.



M. H. Kerr
PO Box 546
West Falmouth MA 02574 ABCF

Maureen Kerr
3495

Feb. 11, 2005

3496

Dear Colonel Kouing -

I am vehemently
opposed to the wind
farm project in Nantucket
Sound, as I should think
any deep thinking person
without personal gain in
mind would be.

I can see negative
impact on birds, fish,
pollution (it goes on) & the
supposed benefit will be
miniscule.

Do not let this happen!

Domenic Gattozzi



Domenic Gattozzi
53 Seabrook Village
37 Surf Dr.
Maahpee, MA 02649-3732

8113978

Feb. 12, 2005

To Colonel Thomas Moring: 3497

Sir, as an employee of the Steamship Authority I sure know that Nantucket Sound is one beautiful stretch of water.

I feel that the Cape Wind Draft Environmental Impact Statement is inadequate in the areas of air & boat navigation safety; impacts to wildlife, pollution threats from the oil on the transformer substation, visual pollution, and economic and tourism impacts. Also, the analysis of alternative sites.

Respectfully yours,

Peter Flaherty



Peter Flaherty
4 Foster Rd.
Hyannis, MA 02601-4529

RECEIVED
FEB 15 2005
U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



A note from **3498**

Mrs. Olive E. Granville

February 11, 2005

Dear Col. Koning -

I am a friend of
Nantucket Sound and wish
to keep it unchanged, as nature
intended.

The desire to desecrate it,
I believe, is prompted by
financial gain more than
the small gain we'd get out
of it (1% or so).

Considering the way
it will look





A note from
Mrs. Olive E. Granville

3498

forever after, decidedly
not with it.

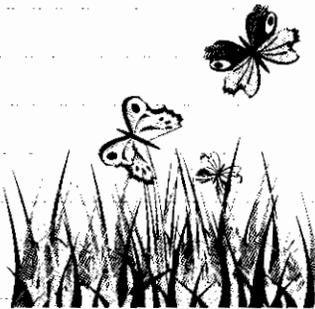
Here this Cape
Corder's heartfelt "No"
to this project.

Olive Granville
53 Seabrook Village
Washpee, MA
02649

RECEIVED

MAR 15 1985

CONSERVATION



3499



Robert J. Wilson
Elizabeth T. Wilson
33 Touraine Way
South Yarmouth, MA 02664

Feb.12,2005

Dear Sir,

We are writing you today to register our disapproval of the Cape Wind Draft Enviromental Impact Statement. We feel the Statement is inadequate in the following areas:

- 1)Threats from oil leakage on the transformer substation.
- 2)Visual pollution(tower strobe lights).
- 3)Audio pollution(tower foghorns).
- 4)Lower real estate values.
- 5)Economic and tourism impact.
- 6)Air and boat navigation safety.
- 7)Maintenance of the wind farm.
- 8)Installation of the transmission cable on the sea floor could disturb shellfish beds.

RECEIVED
FEB 15 2005
MASSACHUSETTS
DEPARTMENT OF
ENVIRONMENTAL
AFFAIRS

While we agree alternate methods to generate electricity must be explored to lessen our dependence on Middle East oil,we do not think that this proposal is viable.The idea is sound,but the location is not.Alternative site locations should be considered,preferably land based.

Thank you,

Robert J. Wilson
Elizabeth T. Wilson

February 12, 2005

3500

**Janet
Lloyd**

RECEIVED
FEB 13 2005
U.S. ENVIRONMENTAL
PROTECTION AGENCY

Dear Sirs-

I write to oppose The Cape
Wind Project in Nantuxet Sound.

I feel The Cape Wind Draft
Environmental Impact Statement is
inadequate in many areas and needs
further study.

Thank you for counting my vote as
an opinion.

Janet W. Lloyd

JANET LLOYD

4500 Cathedral Ave., N.W., Washington, D.C. 20016

Mrs. Hope A. Whipple

720 Park Avenue, New York, New York 10021

Feb. 12 ⁰⁵

Colonel Thomas Koning,
US Army Corps of Engineers
696 Virginia Rd., Concord, Ma. 01742

Dear Colonel Koning

I am writing to express deep concern
over the Cape Wind installation in
Nantucket Sound proposition.

This is such a bad idea that I am
surprised you are even considering it.
From every standpoint, aviation
safety, bird & wild life impact, every kind
of pollution - it would be disastrous.

Sincerely,

(Mrs.) Hope A. Whipple

Martha's Vineyard
and
New York resident

FROM

Gail N. White
64 Sandcastle Drive
East Falmouth, MA 02536

To Army Corps of Engineers Feb 9, 2005

To Whom it May Concern -

STOP
Now!!

RECEIVED

FEB 16 2005

PROJECT

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2

Pay attention to us!

We need more info on the
Cape Wind Draft.

The visual impact on
our Beautiful world Renown
Coast CANNOT BE DENIED!!

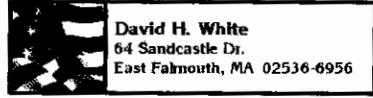
How about the Decibels -
What are they - how far
will it be heard -
this cannot be denied

More Study - on wildlife
pollution!! Alternative Sites

2/9/05

US Army Corps of Eng: 3503

Attn: Col Koning



Dear Tom:

As a life long
 Resident of Mass
 and Cape Cod I am
 Against The "Wind
 Farm"

I believe The Study
 is inadequate and
 Bias: I know ^(The issues) have
 been lightly addressed
 -- Also has there been
 a study on noise?

Regards,
 David White



Mr. Edward W. Schultze, Sr.
 PO Box 432
 North Eastham, MA 02651-0432

FEBRUARY 11, 2004

3
5
0
4

DEAR COLONEL KONING,
 AS AN OLD COMBAT ENGINEER, ETO '43-'46,
 288TH COMBAT ENGRS. I WISH TO PROTEST
 ANY PRESENT PLANS FOR THE WIND POWER
 FARM IN NANTUCKET SOUND AS SET FORTH
 IN THE CAPE WIND DRAFT ENVIRONMENTAL
 IMPACT STATEMENT — A HAZARD TO
 BIRDS & OTHER WILDLIFE, A POLLUTION THREAT,
 BOATING HAZARD, ENVIRONMENTAL CLUTTER

CAPE COD NEEDS NO FURTHER CHALLENGE —
 IT IS TRULY DELICATE. THERE'S ALREADY TOO MUCH
 USE — PEOPLE, BUILDINGS, VEHICLES, DEVELOPERS,
 ETC. THERE SHOULD BE A MORATORIUM OF MUCH,
 MANY STORMS IN ALL SEASONS REWARP THE
 LANDSCAPES AT WHIM. AND THE CAPE'S
 TREASURES — FISH, SEAFOWLS, FARMS, ANIMALS,
 PEOPLE — ARE ON A SLIPPERY SLOPE, DON'T
 TILT HIS BASES MORE.

THANK YOU,
 ED SCHULTZE

RECEIVED
 FEB 15 2005
 POLY DIVISION

3505

Feb 10, 2005

Dear Col. Koning:

Once again we are writing to state our objections to the proposed Cape Cod Wind Farm.

Obviously this project will destroy the view of the sound for the thousands & thousands of home owners and visitors to the Cape.

Although we have not read it, we understand that the Draft Statement does not properly cover the impact of this wind farm in many areas.

We trust that you will take into consideration our objections to the Farm, as well as those of others.

Sincerely

Lea D. Dowd

Alice Alden Dowd

49 Eldridge Rd
So Yarmouth Ma 02664

3506

Michael Lyon
316 Sea Street
Hyannis, MA 02601

February 11, 2004

Colonel Thomas Koning
U.S. Army Corps of Engineers
696 Virginia Road
Concord, MA 01742

Re: Environmental Impact Report on Cape Wind Farm/Nantucket Sound

Dear Colonel Koning:

I am writing to you with concern about the Cape Wind Draft Environmental Impact Statement as there were many aspects that were inadequate including, but not limited to, air and boat navigation safety, impacts to birds and other wildlife, pollution threats from oil on the transformer substation, visual pollution and associated economic and tourism impacts, and the analysis of alternative sites.

Being a resident of Cape Cod, I feel the proposed Cape Wind Farm will take away from what makes the Cape so unique.

Please look further into the Environmental Impact Study.

Thank you for your attention to this matter.

Sincerely,



Michael Lyon

RECEIVED

FEB 15 2005

CITY DIVISION

3507

13 Back Street
Nantucket, MA. 02554

February 11, 2005

Colonel Thomas Koning
U. S. Army Corps of Engineers
696 Virginia Road
Concord, MA. 01742

RECEIVED
FEB 11 2005
U.S. ARMY CORPS OF ENGINEERS
CONCORD, MA

Dear Colonel Koning:

Crossing on the boat from Hyannis to Nantucket one day last week, I tried to imagine how Horseshoe Shoals would look with the proposed "windfarm." Just the one steel prototype seemed too much.

I am writing to you because I am very concerned that not enough consideration has been given to the serious issues surrounding this proposal. Our country has long been concerned about the environmental impacts a lot of well-intentioned developers and businesses have had not only here but in other countries. Cleaning up or trying to reverse damage to the environment is always costly and usually not completely successful. Harm to citizens and their way of life is seldom reversible.

Among the questions I believe have not been adequately answered are: the impact on the fish and other sea life; the impact on the birds in whose flight paths these structures will be placed; who will not only be responsible, but who will pay for accidents, dismantling if profits are not as anticipated; will boats and planes be at greater risk than already? - our seas and fog are not always easy to navigate -etc., etc.

Recently, as many times in the past, the TV news showed sea birds being cleaned from an oil spill. I am pleased that we have groups and individuals (some Federally and state funded) concerned for these creatures, but what about the thousands more who will be encountering the blades of these windmills? Each summer on Nantucket, and I am certain elsewhere, whole tracts of beach are off-limits to the taxpayers and citizens, to protect sometimes are few as three plovers!

Please work to slow this project. The questions need real answers. The damage would not justify, in my mind, the gain the developers envision. Thank you for taking the time to read the many letters I am sure that are coming to your office.

Sincerely,



(Mrs.) Kathleen Souza

350e

19 Elton Road
West Yarmouth, MA 02673
February 10, 2005

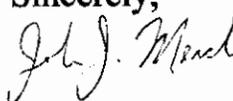
Colonel Thomas Koning
U.S Army Corps of Engineers
696 Virginia road
Concord, MA 01742

Dear Sir:

Monday, February 8th I attended the Cape Cod Commission hearing on the proposed Wind Farm on Nantucket Sound. Some of what I heard at the meeting gave me some concern:

1. What effect will the wind farm have on the shifting sands in Nantucket Sound?
2. It is difficult to get homeowner's insurance on Cape Cod because statistically we are due for a major hurricane. What effect would a category four or higher storm have on the Wind Farm?
3. With new clean emission coal burning technologies being developed do we need wind farms?
4. A noise expert spoke at the meeting stating that the decibel level of the hum of the wind mills would be aggravating and heard within a twelve mile radius. Is this correct?
5. Real Estate Brokers stated that the aesthetic change of Nantucket Sound would effect home values and the tourism business in a negative fashion. Is this true?
6. It was stated that if you take into account the costs of connecting the Wind Farm to the National Electricity Grid the total costs of the Wind Farms System will out way the benefits. Is this true?
7. Does the Wind Farm replace either the Pilgrim Electrical Plant or the plant on the Cape Cod Canal? If not, how does the Wind Farm help the greenhouse effect?

Sincerely,



John J. Merck

RECEIVED
FEB 15 2005
CITY DIVISION

3509

ED Crist

5928 SW BANYON , Corvallis, Oregon 97333

February 03, 2005 08:13 PM

Colonel Thomas Koning
U.S. Army Corps of Engineers
696 Virginia Road
Concord, MA 01742-2751

Subject: Ensure 'Cape Wind' Project Is Safe for Wildlife

Dear Colonel Koning:

Before you approve or deny a permit to erect 130 turbines in Nantucket Sound, please require the developer to conduct the thorough studies recommended by the U.S. Fish and Wildlife Service and the Massachusetts Division of Fisheries and Wildlife.

Specifically, the environmental review of this project should include:

- Three full years of visual observations of birds - 12 months of radar observations of flying wildlife - A thorough and timely review of the project's potential effect on wildlife, including marine mammals

These factors will help determine whether the Cape Wind project is in the best interests of both the public and wildlife.

As it is written, the U.S. Army Corps of Engineers' draft environmental impact statement is hopelessly flawed, because it ignores relevant information and draws conclusions based on inadequate research.

This project could be the first marine wind energy facility in the United States. As such, it will set a precedent for other offshore renewable energy projects.

Please require a rigorous, scientific review of its environmental effects. Clean air and healthy wildlife populations are not mutually exclusive. We need both.

Sincerely,

ED Crist



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FEB 16 2005
U.S. ARMY CORP OF ENGRS



3510

395 South Street
Hyannis, MA 02601

Phone (508)775-8881
Fax (508)775-9881

February 11, 2004

Colonel Thomas Koning
U.S. Army Corps of Engineers
696 Virginia Road
Concord, MA 01742

Re: Environmental Impact Report on Cape Wind Farm/Nantucket Sound

Dear Colonel Koning:

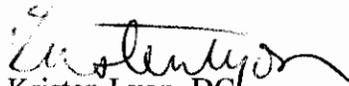
I am writing to you with concern about the Cape Wind Draft Environmental Impact Statement as there were many aspects that were inadequate including, but not limited to, air and boat navigation safety, impacts to birds and other wildlife, pollution threats from oil on the transformer substation, visual pollution and associated economic and tourism impacts, and the analysis of alternative sites.

Being a native to Cape Cod, I feel the proposed Cape Wind Farm is a big mistake.

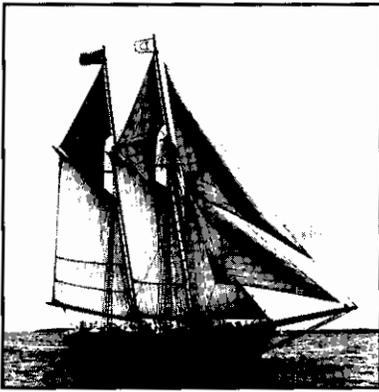
Please look further into the Environmental Impact Study.

Thank you for your attention to this matter.

Sincerely,


Kristen Lyon, DC

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FEB 15 2004
U.S. ARMY CORPS OF ENGINEERS



The Coastwise Packet Co.
Fleet

Shenandoah
108' Square Topsail Schooner
7000 Sq. Ft. of Sail

Alabama
90' Ex Mobile, Ala. Pilot Schooner
5000 Sq. Ft. of Sail



10 Feb 05

Col. Thomas Koning
U.S. Army Corps of Engineers
696 Virginia Rd.
Concord, Ma. 01742

3511

Dear Col Koning

This may be the third time I have written
your office voicing my opposition to the hatched
found town farm -

Although the impact statement, of 4000
pages paints a rosy picture for the project, this
fact reinforces the connection between the
project and the architects of the impact statement -
which hardly even mentions the visual impact
on a pristine area.

This project is visual pollution, of a
scale unseen on the Atlantic seaboard!

The impact statement declines to

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FEB 15 2005
U.S. ARMY CORP OF ENGRS

mention that windpower is the most expensive
form of electrical generation that there is!

It fails to respond to the fact that no
wind farm has yet produced a positive bottom
line.

It fails to mention that this project
would never have been heard of if it were not
for the direct federal subsidy that will allow
the perpetrators a chance at a profit!

The whole project is obscene!

No adequate assessment of bird deaths
has been attempted. - The main East Coast
Flyway goes right through Maudslayi Sound.

Your approval of this obscene project -
would, I submit, be a dreadful mistake.

But I was a close observer of the Corps
behavior on the permitting process of the
new power cable to the Vineyard from Falmouth,
by Con. Electric - and I was not impressed.
- Remember, no impact statement was
required, and the placing of that

35

unburied cable would have rendered a
large part of Vineyard Haven ^{Harbor} ~~unavailable~~
for anchoring -

3511

I beseech you - reject this application -
Mantucket Sound is an inappropriate site for this
proposal.

And one last point. Why didn't you
require Cape Wind to explore the Mantucket
Shoal site, out of sight from land?

Col. Koenig has us this project's proposal.

Sincerely

Robert S. Douglas

RECEIVED

FEB 15 2003

NAVY DIVISION

ALAN F. ATWOOD
P.O. Box 486
Nantucket, MA 02554
(508) 228-4010

3512

Certified Mail

U.S. Army Corps of Engineers
New England District
Cape Wind Energy EIS Project
Attn: Colonel Thomas Koning
696 Virginia Road
Concord, MA 01742

Date: February 15, 2005
Subject: Comments on Cape Wind Energy Draft EIS

RECEIVED
FEB 16 2005
U.S. ARMY CORPS OF ENGINEERS

Dear Colonel Koning:

In accordance with the request of the Army Corps of Engineers, the following comments are submitted regarding the subject project.

Overview

Many residents of the area surrounding the proposed project are very much in favor of developing alternate sources of electrical generation.

However, many of us also feel that evaluation and permitting of this project is not properly within the jurisdiction of the Corps of Engineers, and that the proposed Nantucket Sound location is not appropriate, for the following reasons:

Governmental

Jurisdiction

The U.S. Commission on Ocean Policy has been critical of the U.S. Army Corps application of its Section 10 regulations, which it labeled "inadequate" as "the primary regulatory vehicle for offshore wind energy development." The Commission stated that the regulation "is not based on a comprehensive and coordinated planning process for determining when, where, and how this activity should take place...it lacks the management comprehensiveness that is needed to take into account a broad range of issues, including other ocean uses in the proposed area and the consideration of a coherent policy and process to guide offshore energy development."

3512

Leaders in Opposition

Reportedly, Senator Edward Kennedy, Massachusetts Governor Mitt Romney, Massachusetts Attorney General Tom Reilly, and Massachusetts State Representative Demetrius Atsalis are opposed to this project.

Representative Delahunt has stressed that in 1970 the Commonwealth of Massachusetts established the entire area of Nantucket Sound as an Ocean Sanctuary and wants this status continued. He believes that the State and Federal government have strong property interests associated with the project's proposed area that need to be observed.

Massachusetts State Senator Robert O'Leary has pointed out that Cape Wind is proposing to build America's first offshore wind farm in the federal waters beyond the shores of Massachusetts and that a recent Presidential Executive Order demands local input in federal decision making. Furthermore, offshore energy needs coordination and direction from the Comprehensive Ocean Energy Plan that has not yet occurred. This project seeks to change 35 years of effort by Massachusetts to preserve Nantucket Sound.

Massachusetts state Representative Eric Turkington has stated that he knows of no law which permits the Army Corps to effectively give away 24 square miles of public property. He believes that a public agency should select the site for the project, rather than the developer.

Summary:

There appear to be major governmental legal, procedural, and factual issues with the current permitting process which need to be resolved before local citizens can be assured that this application is being handled in their best interests.

Many in government are questioning the Corps of Engineers' legal capacity to award the proposed site to a private developer.

The extent of the opposition to the handling of the proposed project sends a clear signal that the methodology being employed to evaluate the application for approval is seriously flawed.

Operational**Equipment**

Similar projects have been successful on land, but similar projects have also had problems offshore. The world's largest offshore plant, Horns Rev, off Denmark, is reportedly having all 80 turbines brought back to shore for overhaul after only two years.

3512

Equipment, Continued

The proposed location of the project places it in a harsh ocean environment. Saltwater is extremely corrosive, and salt spray will undoubtedly cause significant deterioration of metal surfaces over time. Salt and humidity are particularly damaging to electrical conductors and it seems inevitable that the ocean environment will eventually cause problems in an electrical generation and switching system. There is the further possibility of windblown seawater forming ice on the surface of the wind turbine blades leading to imbalance and destructive vibration.

It is understood that the proposed GE wind turbines are of a new design and, therefore, untried in Nantucket Sound conditions.

Would it not be advisable to place and operate a test tower and turbine for a minimum of a one-year period before committing to 130 unproven units? Experimentation is often necessary in the public interest, but experimentation on the scale proposed in a sensitive area must be considered irresponsible.

Maintenance

It is readily apparent that the task of servicing the proposed towers by small boat on a year-around basis will be extremely demanding, hazardous, and expensive in the face of the very rough seas which can occur quite suddenly and last for an extended period in the proposed offshore area. Trying to leave and reboard a pitching craft while in close proximity to one of the towers during a period of high wind, elevated sea state and cold temperature can only be described as extremely risky. Winter ice will make the maintenance operation even more difficult and dangerous, if not impossible.

There will, undoubtedly, be casualties over time. Why should very high-risk jobs of this kind be created if there is any other alternative?

Who would willingly do this work? Employees will demand high compensation and insurance will be expensive.

The entire maintenance task would be greatly simplified and much safer on land. This must be a major consideration when looking ahead to 20 plus years of operation.

Summary

The bottom line seems to be that offshore wind power is twice as expensive as onshore wind power and must be subsidized to make a profit. Doesn't this, in itself, conclusively indicate that Nantucket Sound is not the right location?

3512

Regional Safety

Local Knowledge

Regardless of the technical findings of a specific study, the experience gained by years of operating in the area under consideration, and the resulting judgment of those directly involved, must be given very careful consideration.

Representatives of the Steamship Authority, HyLine Cruises, Hyannis Marina and the Nantucket Marina, plus local aircraft pilots, have stated that they believe that the presence of the wind farm in its proposed location would constitute a significant hazard to navigation.

LCDR Will Kominsky, who spoke at the Nantucket hearing, acknowledges that the National Guard cannot take a position on the matter but he, personally, represents the position that the proposed project would create a hazard to the Otis Air National Guard operation.

Practical Considerations

It is understood that the U.S. Coast Guard and the FAA have stated that there are no hazards to surface or air navigation, respectively, caused by the proposed wind farm project. The question is, how can either agency know this for a certainty when nothing like the proposed project has ever existed in identical circumstances? A check off of technical factors is not an adequate procedure to safeguard the lives which may be placed at stake by a project of this magnitude.

The 130 wind turbine towers will apparently be arranged in a grid pattern with an irregular outline. In dense fog a vessel entering the grid would have to maintain a precise heading, compensating for set and drift, over a sustained period of time to stay within a clear channel and avoid contact with any of the towers. Each of the 130 towers presents a potential for collision. Not all craft operating in the area will be professionally navigated. Additionally, vessels under sail are not always able to maintain a perfect track, and must sometimes tack frequently. When the risk factors of 130 towers, frequent transits, and less than 100% navigational accuracy are combined, the laws of probability indicate that collisions will inevitably occur.

Both the Steamship Authority and HyLine Cruises operate fast passenger ferries that can cruise at up to 35 miles per hour. At that speed, a navigation light with a visibility of two miles, as proposed on the wind towers, would give less than a four minute (240 second) warning of the presence of a tower. It is easy to envision circumstances in which navigational equipment could be malfunctioning, with the officer of the deck not observing outside lights, for a four-minute period.

Two local airlines, Cape Air and Nantucket Air operate aged Cessna Type 402 aircraft which fly at relatively low altitude between Hyannis and Nantucket numerous times daily. The presence of 130, four-hundred-foot-high towers in a 25 square mile area near the take-off and approach area of Barnstable Municipal Airport invites accidents caused by equipment failure, pilot error, or a combination of the two.

The presence of the 520 or so aerial and surface navigation lights on 130 towers will undoubtedly interfere to some extent with the surface sighting and identification of existing aids to navigation such as lighted buoys and lighthouses.

3512**Summary**

Placing an industrial activity extending over 24 square miles in Nantucket Sound would create substantial navigation risks that would be largely absent in a more remote inland location.

Esthetics**Application of Visual Principles**

It is recognized that esthetics is probably one of the most subjective areas of consideration in this situation. Beauty, it is said, is in the eye of the beholder.

However, there are some visual and psychological principles that can be applied. Most people traveling over Nantucket Sound in good weather find the experience relaxing, uplifting, and extremely enjoyable. One reason for this would seem to be that the surrounding horizon forms a continuous horizontal line which is known to have a calming effect, and the constantly changing play of light over the unbroken ocean surface creates subtle, soothing sensations found only at sea.

A few interferences of vertical lines or structures add contrast to the predominantly horizontal environment and are interesting, but not disruptive. However, it seems inevitable that the interposition of 130 vertical structures, as tall as 10 story buildings and with 300 foot rotating blades, spread over 24 square miles, and lighted at night, will totally change the visual experience over a large part of the area of Nantucket Sound. Clearly, most people passing over the sound will then experience it as active, populated and to some degree industrial. It appears clear that the current impressions of solitude, remoteness, and peace will be seriously diminished.

And what does this matter? Why should we even be concerned with this most subjective aspect of the proposed offshore wind farm project?

There are significant reasons: Our society very much needs places which afford escape from urban congestion and the stressful experience of highway travel in a landscape dominated by man-made structures and activity. Conceivably, the calming experience for over three million persons traversing Nantucket Sound annually could be making a significant contribution to mental health. We really won't know until it is changed for the worse.

Then there is the economic impact. Many visitors come to the Cape and Islands and the surrounding waters for the beauty and peace they have come to expect. The progressive disruption of these qualities could have a significant effect on resort activities, resulting in an appreciable, perhaps major, negative economic impact.

To say that the presence of a highly visible industrial facility of this size will have no adverse effect on vacation tourism is unrealistic. Stating that visitors will be attracted to the facility in appreciable numbers is equally questionable.

3512

Summary

There can be no doubt that the proposed wind farm project, by its sheer size, will create a visual impact on a large area of Nantucket Sound, and that this impact will negatively affect the existing esthetics of the area, with serious consequences.

Conclusions

All of the foregoing factors: Governmental, Operational, Regional Safety, and Esthetics, need to be more seriously considered in the course of deciding upon the appropriateness of the proposed location of a commercial wind farm.

It would seem that any one of them, considered individually, could be sufficient basis to withhold approval for placement in the location proposed, and that the Corps of Engineers should, at least, exercise its option to take no action on the application.

However, the basic problem here would seem to be that the Corps of Engineers is not taking a sufficiently comprehensive approach to the question of siting a proposed wind-powered electrical generation facility. At a minimum, the District Corps office should be looking at the entire geographic area for which it is responsible in search of optimum sites for such an installation. From the factors reviewed above, it would appear that Nantucket Sound is not an optimum site, and the public would not be well-served by its selection.

With due respect to the efforts of the Corps of Engineers, it is not at all clear that the evaluation and permitting process being carried on here is properly within their jurisdiction.

The economic advantages of using free Federal space, and the accompanying subsidies, appear to be so attractive that other commercial entities have apparently expressed interest in alternative offshore sites in, or near, Nantucket sound which would accommodate an additional 390 wind towers. Approval of the current project would certainly set a precedent, which would make denial of the alternative sites more difficult. All of the negative impacts of the presently proposed 130 wind towers might then be further multiplied into devastating consequences for Nantucket Sound.

Sincerely,


Alan F. Atwood

3513

Adams, Karen K NAE

From: fowledp@NU.COM
Sent: Wednesday, February 16, 2005 8:22 AM
To: Energy, Wind NAE
Subject: Letter of support

Dwight Fowler
24 Woodland Heights
Rockfall, CT 06481

Gooday,

I consider myself an educated environmentalist who reads a fair bit about energy and environmental matters. I have been silently following the Cape Wind proposal for what now seems a small eternity. I find it disconcerting, in light of the largely favorable Army Corp. report, that this project is not well on it's way to construction. If there were concerns with any significant impact on the endangered species I might just be singing a different tune, but the fact is that this project is far more benign than any of the alternatives.

Normally I am a huge fan of Ted Kennedy but in this matter I believe he is groping at straws and being myopic and self centered in his thinking.

Please do the right thing for our future and get behind this project before it dies a slow death by delay.

Sincerely,

Dwight Fowler

This e-mail, including any files or attachments transmitted with it, is confidential and intended for a specific purpose and for use only by the individual or entity to whom it is addressed. Any disclosure, copying or distribution of this e-mail or the taking of any action based on its contents, other than for its intended purpose, is strictly prohibited. If you have received this e-mail in error, please notify the sender immediately and delete it from your system. Any views or opinions expressed in this e-mail are not necessarily those of Northeast Utilities, its subsidiaries and affiliates (NU). E-mail transmission cannot be guaranteed to be error-free or secure or free from viruses, and NU disclaims all liability for any resulting damage, errors, or omissions.

3514

Adams, Karen K NAE

From: Blue Magruder [bluemagruder@comcast.net]
Sent: Wednesday, February 16, 2005 8:34 AM
To: mepa@state.ma.us; Energy, Wind NAE; pdascombe@capecodcommission.org
Subject: Votes of support for wind farm

To all those who have votes on this..

I have not been able to come to the hearings you've held, with a child at school, and a full time job, but I wanted to write in that as a long-time (56 years) summer resident of the Cape in Barnstable, and as the daughter of an 86 year-old full-time Cape resident, that our whole family (including even my Republican brother and nephew) supports the wind farm whole-heartedly. It is NOT a question of 'nature' vs 'unsightly windmills', it is windmills as an effort to prepare for the future, and to provide clean, terrorist-proof, affordable energy we so desperately need.

More birds will be affected and hurt by the global warming which comes from the emissions from the smoke stacks from the Canal power plant which we see constantly. I've walked on Buzzard's Bay beaches with tar balls..we need the energy and this is the best and cheapest way we will all get our energy in the future. Europe is years ahead of the US in alternative energy, and unfortunately our economy will pay the price in the future. (My neighbors' cats kill more birds in a year than the wind mills most likely will.)

I've actually driven through the huge land-based wind farms in West Texas on our way out to Big Bend National Park for a family vacation..as well as through the wind farm in northern California..and I really do think..to the extent that one will be able to see the windmills on a clear day (the height of your thumbnail against the horizon)..that they'll be for many, even abit of a tourist attraction.

Any decent sailor (my husband has sailed out of Falmouth harbor all his life) can avoid hitting a well-radar-marked wind tower in shallow water..just the way sailors have avoided hitting flashers, and bell-buoys, and lighthouses for generations.

Finally..one of the very best aspects of the proposed wind farm is that it is 'terrorist proof' energy -- not a huge grid that can be sabotaged in one place. I was a student at Harvard during the great Northeast blackout of 1965, and sense from our country's brownouts, and blackouts, that our systems are highly vulnerable.

Please count pro-Cape Wind votes, from me, my husband, mum, sister, brother-in-law, brother, sister-in-law, two nieces, one nephew and especially..for the future, the pro-wind vote of our 13 year old son..

Feel free to read..or send to the Cape Cod Times, or the Globe, or wherever. Energy and the environment should not be political issues, but critical for us ALL to work together to achieve. The Feds should be involved in siting windfarms, and should require developers to do proper impact studies, as Cape Wind has, but let's not bow to the special interests and fossil fuel lobbyists to put up unnecessary hurdles.

Sincerely,

Mary Blue Magruder
Cambridge, MA and Barnstable, MA

Mary Blue Magruder
Director of Public Affairs
Earthwatch Institute
3 Clock Tower Place

2/16/2005

Maynard, MA 01754-0075

Direct number: 1-978-450-1209
or 1-800-776-0188 ext. 136
<http://www.earthwatch.org>

3514

News: <http://www.earthwatch.org/newsroom.html>
Events in the US: <http://www.earthwatch.org/pubaffairs/us.html>
Volunteer Field Representatives across North America:
<http://www.earthwatch.org/aboutew/fieldreps.html>
Books by Principal Investigators:
<http://www.earthwatch.org/pubaffairs/books.html>

3515

Adams, Karen K NAE

From: Mack, William [BMack@shawmut.com]
Sent: Wednesday, February 16, 2005 6:57 AM
To: Energy, Wind NAE
Subject: Cape Cod Wind farm

Dear Ms. Kirk Adams:

I write in support of the wind farm in Nantucket Sound as someone who has been going to the cape for 42 years. The cape has identified the overuse of resources and put a moratorium on their building and here is a way to solve environmental issues with little intrusion to the day to day activity and beauty of the cape.

We are all complaining today about the increasing cost in dollars of fossil fuels as well as the cost of the emissions of these same fuels to the environment. Certainly this seems intrusive to the natural beauty of our seascape, but over a short period of time the wind farm will blend nicely into the horizon in the same way Monomoy extends from Chatham and the fish nets and wood posts blend in off Harwichport.

I saw an article recently that pointed out this is an energy source that if successful will be a great resource for the Cape and an example for other areas. But if it were to prove ineffective as a system of energy, it can be removed. We need to take the initiative to build and improve quality of life through natural resources.

I look forward to seeing the project in place.

William Mack
112 Cottage Street
Melrose, MA 02176

2/16/2005

ATT: Army Corp
of Engineers
LEAVE OUR SOUND



OLD CAPE LIGHT, Virginia, 1792, tower height 90 feet © 2003 USA



3516

ALONE

From: **MIKE GALLAGHER**
47 West Ledge Rd
W. Simsbury CT
06092

To: **KAREN Adams**
Cape Wind Energy
EoS Project
U.S Army Corp of
Engineers
696 Virginia Rd
Concord MA

01742+271A 01742

3917
97 PALMER DR
SOUTH WINDSOR CT 06074
FEB 13, 2006

NOISE/NOISE ABATE
9003 811 1111
DEAR MR ADAMS -

WE HAVE A SUMMER HOME IN WEST YARMOUTH. WE HAVE REVIEWED INFORMATION ON THE CAPE WIND DRAFT ENVIRONMENTAL IMPACT STATEMENT AND ARE OPPOSED TO THIS WIND PROJECT FOR MANY REASONS WHICH INCLUDES BOAT NAVIGATION, IMPACT TO BIRDS & OTHER WILDLIFE, POLLUTION, TOURISM IMPACT, COST OF UPKEEP, REPAIR ETC. FOR AMOUNT OF ELECTRICITY GENERATED.

PLEASE DO NOT CONTINUE WITH THIS PROJECT.

SINCERELY
John H. Young Audrey H. Young

3518

Louise Russell
24 Nameless Lane
Chatham, MA 02633

Comment on the Draft Environmental Impact Statement/Draft Environmental Impact Report for Cape Wind Energy Project

My comments are directed to the Preliminary Avian Risk Assessment section of the Draft; Appendix 5.7-A Volume 2

This section is extensive and commendable for the scope and attention given to the subject. However the conclusion that, " Overall, likelihood of significant risk to birds.....is likely to be low" cannot be supported by data either supplied or omitted from the Draft. Far more information on species, populations and use of Horseshoe Shoal by wintering seaducks, migrating birds and terns is needed in order to adequately assess the risk to birds. "Gaps in information" and "recommendation for further study" are cited repeatedly throughout this section of the Draft.

The conclusion that "risk to birds will be low "is based upon incomplete knowledge and inadequate research. If " significant risk" is being applied to large numbers of birds, whose loss does not affect the survival of the species as a whole, it is unacceptable as a premise.

For example, it is known that 85% of the Western Atlantic population of the Long-tailed or Old squaw duck winters for half the year in Nantucket Sound. Some 250,000 of these deep-diving seaducks traditionally roost on the waters of Horseshoe Shoal AT NIGHT. This population has been site specific at this location at night for thousands of years. The birds are absent during the day as they leave before dawn and fly to feeding grounds south of Nantucket Island. They return after dusk.

The aerial and boat surveys conducted at this site were made DURING THE DAY, leading to the conclusion that avian risk would be low because few birds utilized the site. This is one example of incomplete research leading to a conclusion from which major facts are missing.

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REGULATORY DIVISION

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Population estimates of birds which might utilize the site were taken from land and nearshore counts. These numbers do not reflect offshore species and site-specific information. There were no mid-winter studies of seaduck populations at the site. The Draft admits, "Gaps in knowledge for terns and seaducks" and recommends further studies during the season when these species may be present.

Aerial surveys and boat transects were conducted in GOOD WEATHER. The greatest mortality to birds in the presence of obstacles and lights occurs in fog and storm conditions. Fast-flying seaducks are less maneuverable in high winds and night-time migrants such as songbirds and shorebirds become disoriented and attracted to lights in fog and bad weather. Studies using other sites as examples of low bird mortality do not reflect the species and site-specificity required for accurate information about avian risk on Horseshoe Shoal. Comparisons with other sites are inappropriate.

Unanswered questions remain concerning habitat loss due to disturbance and displacement issues, as well as unknowns regarding height of flight or avoidance of the turbine matrix. Factors regarding risk assessment for the Long-tailed duck (*Clangula hyemalis*), other wintering seaducks and terns are all largely unknown. Bird mortality is species, site and behavior - specific for each geographic location. Generalities are not useful in this context.

Numerous studies included in the Draft cite gaps in information and recommend further research. "Careful siting is paramount to minimizing avian problems and turbines of this size and output have rarely been deployed commercially."

Siting of the world's largest wind energy project in an area which is uniquely rich in biological resources and perhaps critical to the survival of many species should not be done in haste. The research and studies cited in Appendix 5.7-A are woefully inadequate. Therefore all parties in the approval process should question conclusions in this section of the Draft and require further recommended and appropriate research before approval is given.

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FEB 16 2005

REGISTRATION DIVISION

14 February 2005

3519

Karen Kirk Adams
Cape Wind Energy Project EIS Project Manager
Corps of Engineers, New England District
696 Virginia Road
Concord, MA 01742-2751

Dear Ms. Adams,

Please let me provide public input into the proposed wind farm on Horseshoe Shoals, Nantucket Sound. I have a Ph.D. in biological Oceanography from Univ. of Rhode Island, was a research scientist (University of Maryland System) working on Chesapeake Bay's environmental recovery (1986-1999), worked 8 months for the Danish Ministry of the Environment in 1991 (as you know Denmark is a world leader in wind energy), am a Union of Concerned Scientists member and currently serve the Town of Barnstable as a Conservation Commissioner. Furthermore, I am a recreational fisher of striped bass and bluefish and have fished Horseshoe Shoals. I would like to go on record as an educated scientist in full support of Cape Wind Associates' 130-turbine project.

At a time when Cape Codders should be concerned with global warming, rising sea level and increased hurricane risks associated with climate change, it is downright short-sighted and even hypocritical for someone who considers himself environmentally responsible to view the wind farm negatively. The irony of some Barnstable residents' (and some of our Town's elected officials) objection to the off-shore wind farm is even more poignant given the recent land grab mentality of Barnstable's officials for dredge harvesting of sand from Horseshoe Shoals for beach nourishment (cited from Boston Globe 14 Feb. 2005 section B, page 1).

Development of sustainable, non-CO2 emitting energy sources is crucial for America, the world's leading polluter of greenhouse gases. Scientific review of Cape Wind Associates' 130-turbine project predicts minimal biota effects and a significant improvement air quality, economic analysis projects substantial benefit to the Cape, and aesthetic impacts for shore residents seem almost non-existent. I personally felt good about seeing wind turbines dotting the Danish landscape back in 1991; they were a regular statement of that country's commitment to use technology to minimize modern human impacts on the environment. Highly respected environmental organizations have come out in support of the wind farm (Union of Concerned Scientists, Conservation Law Foundation and others), those against this project are provincial interest groups without sound scientific rationale who are following a classic NIMBY (not in my backyard) assault on what obviously is a project that has a net benefit to the public.

Please do the right thing and support development of this wind farm.

Thank you for your thoughtful consideration.



Peter Sampou, 431 Maple St., P.O. Box 581, W. Barnstable, MA 02668

Cc. Cape Cod Commission, 3225 Main Street, P.O. Box 226, Barnstable MA, 02630

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FEB 17 2005
U.S. DISTRICT COURT
DISTRICT OF MASSACHUSETTS
BARNSTABLE

3520

Petition: Support the Cape Wind Energy Project

A 130-turbine wind farm off the coast of Cape Cod

Dear U.S. Army Corps of Engineers, Senator Kennedy, Senator Kerry, Governor Romney:

WHEREAS... The 3,800 page Draft Environmental Impact Statement (DEIS) released by the Army Corps of Engineers on November 8, 2004, shows that Cape Wind will produce compelling public benefits with positive environmental and economic impacts:

- ▶ Cape Wind will provide three quarters of the Cape and Island's electricity,
- ▶ Cape Wind will offset the burning of fossil fuels and create increased energy independence,
- ▶ Cape Wind will offset energy costs,
- ▶ Cape Wind will decrease air pollution and greenhouse gas emissions,
- ▶ Cape Wind will create jobs,
- ▶ Cape Wind will not be a hazard to air or sea navigation,
- ▶ There will be no major negative impacts on the ecology of Nantucket Sound, local tourism and surrounding property values

THEREFORE... We urge you to support the Cape Wind offshore wind energy project.

NAME	ADDRESS
Ellen Huber	15 Partridge Lane, Carlisle MA 01741
George H Bishop	54 Judy Farm Rd, Carlisle MA 01741
Jeanne Roush	81 CRAIGIE CIRCLE, CARLISLE MA. 01741
Marcella Shepherd	84 CRAIGIE CIRCLE CARLISLE MA. 01741
James Darling	6 West St. Carlisle, MA 01741
Dan Scholten	21 Patten Lane, Carlisle MA 01741
Walter Jones	65 East Meadow Ln, Carlisle MA 01741
Robert Lema	42 Palmer Way Carlisle MA 01741
Mary Grant	84 Rutland St. Carlisle MA 01741
Ernest P. Widwick	11 Porter St Billerica MA 01821
MICHAEL DUNDORF	234 Tophet Rd, Carlisle MA 01741
Alison Plante	41 Hazel St, Watertown MA 02172
Charlie Davis	113 Judy Farm Rd Carlisle MA 01741
Maurice C. Barber	371 East St Carlisle MA 01741
May Hull	20 Audubon Ln Carlisle MA 01741
Lon Simonele	14 Rutland St
Ernest Huber	15 Partridge Lane Carlisle, MA 01741
Koy J. Watson, Jr.	160 Carroll Drive, Carlisle, MA 01741



3521

State of Rhode Island & Providence Plantations

House of Representatives
Office of the Majority Leader
Room 322 State House
Providence
02903

GORDON D. FOX
MAJORITY LEADER
401-222-2447

February 10, 2005

Ms. Karen Kirk-Adams
Cape Wind Energy EIS Project Manager
U.S. Army Corps of Engineers, New England District
696 Virginia Road
Concord, MA 01742

Dear Ms. Adams:

We are writing to express our strong support for the Cape Wind project, which would add up to 420 megawatts of clean and renewable electricity into the New England electrical grid. As you may know, the Rhode Island Legislature in 2004 enacted a new renewable portfolio standard ("RPS") (Chapter 26 of the Public Laws of 2004) for the stated purposes of reducing air emission, mitigating global warming, stabilizing energy costs and fostering economic development in new generating technologies. Cape Wind is exactly the type of project that we intended to incentivize.

We urge you to complete your review of this proposal (now in its fourth year) with a prompt and favorable decision. This has been one of the most rigorous regulatory processes in the history of the region and has confirmed that there are no serious environmental impacts of the proposal that could offset its overwhelming public benefits.

We also urge you to act promptly because the full amount of Cape Wind's output will be needed shortly in order to meet the requirements of New England's various RPS programs and greenhouse gas commitments. Our Rhode Island RPS, for example, requires a 3% renewable content by 2007, with higher amounts required in the following years. These public goals can only be met with the timely approval of renewable projects of the commercial scale proposed by Cape Wind.

Thank you for the opportunity to comment on this important matter.

Very truly yours,


Gordon D. Fox

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FEB 10 2005

STATE HOUSE

3522

Comment Sheet
On Draft Environmental Impact Statement (EIS)
For the proposal for an Offshore Wind Project
In Nantucket Sound

Name: NOAH + PATRICIA MARCINI

Address: 243 MAIN ST
MAYNARD, MA 01754

Phone Number (Please include area code): 978-877-8096

Email Address: —

Please state your questions/comments in the space below:

We are totally against the wind
tunnels, we have a home on the
Cape, and Nantucket Sound is the
most beautiful place, it is great,
It will be the most ugly place,
if the wind tunnels are put there,
the Cape will be ruined forever
it will never be the same again
It will also be not in advantage
to anyone.

It will also hurt all wildlife.

We hope it will never be put there
It will ruin all Cape property, who
would want to buy down the Cape
& have to look at any ugly ocean.
Who would want to vacation there
ever again.

Please fold this questionnaire in half, affix two stickers or pieces of tape,
and mail it to the address listed on the other side.

Comment Sheet
On Draft Environmental Impact Statement (EIS)
For the proposal for an Offshore Wind Project
In Nantucket Sound

3533
3523

Name: Susan Heaven

Address: 573 Old Strawberry Hill Rd.
Cotuitville, MA 02032

Phone Number (Please include area code): 508-777-7629

Email Address: SHeaven66@hotmail.com

Please state your questions/comments in the space below:

I just purchased a home on Cape Cod. My choice to buy here had to do with the beauty of the shore. The fact that most of the shore ~~has~~ line isn't built up & there are miles of beach to walk. ~~The~~ It is wonderful to sit & look out over the water. I certainly don't want to look out & see the windfarm -

My concern for this project is the fact that the group building it got ~~it's~~ permit through some loophole. I am concerned that the environmental damage will greatly outweigh the benefits. If this group didn't get it permit ~~like~~ through an agency who will monitor them. Who will be responsible if things ~~are~~ aren't up to standard or there is a problem. This whole thing is just too fishy for my taste.

Please fold this questionnaire in half, affix two stickers or pieces of tape, and mail it to the address listed on the other side.

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U.S. DEPARTMENT OF COMMERCE

Comment Sheet
On Draft Environmental Impact Statement (EIS)
For the proposal for an Offshore Wind Project
In Nantucket Sound

Name: _____ Nancy & Clark Whitcomb _____

Address: _____ 19 Starbuck Road _____
Nantucket, MA 02554 _____

Phone Number (Please include area code): 508 228 9526

Email Address: nclwhitcomb@comcast.net

Please state your questions/comments in the space below:

We are opposed to the "Wind Farm" for many reasons, all of which have been verbalized by others. Our two foremost objections are:

1. There is no policy regarding the siting, construction, operation of offshore wind farms. Yes, there is a plethora of studies & permits required, but no overriding national or even regional policy which would consider the need, the costs, the benefits of a myriad of factors on a national scale. The Army Corps of Engineers does not represent the interests of all.

2. Energy conservation has not been even mentioned during this process. Before any invasive generation project is even considered; we as a nation, need to look at how we can reduce energy use - particularly fossil fuel based.

Please fold this questionnaire in half, affix two stickers or pieces of tape, and mail it to the address listed on the other side.

U.S. Department of
Homeland Security

United States
Coast Guard



Commanding Officer
U.S. Coast Guard
Marine Safety Office Providence

20 Risho Ave
East Providence, RI 02914-1208
Staff Symbol:
Phone: 401-435-2351
Fax: 401-435-2399
Email: EleBlanc@MSOProv.uscg.mil

16670
14 February 2005

Colonel Thomas L. Koning
District Engineer
Department of the Army
New England District, Corps of Engineers
696 Virginia Road
Concord, MA 01742-2751

Dear Colonel Koning:

As the Coast Guard continues to receive comments on navigation safety in connection with the proposed Nantucket Sound wind farm, we have identified several issues that require further analysis. These issues are in addition to those identified in our letter to you of 12 July 2004, which is attached. I understand the public comment period for the proposed facility ends on 24 February 2005, and once all comments have been received and cataloged, we will examine those pertaining to navigation safety and may identify additional issues requiring further analysis. However, to permit a timely review and analysis of issues we are aware of now, I request the Corps' attention to the following items:

1. Radar Interference. Page 28 of the Navigation Risk Assessment (Appendix 5.12-B to the Cape Wind Energy Draft Environmental Impact Statement (EIS)) discusses potential radar interference in the proposed Nantucket wind farm, as references radar experiences at Horns Rev wind park in the North Sea. A recently published report by the British Maritime and Coastguard Agency entitled "Results of the electromagnetic investigations and assessments of marine radar, communications and positioning systems undertaken at the North Hoyle wind farm by QinetiQ and the Maritime and Coastguard Agency" discusses radar interference experienced at the North Hoyle wind farm. The results of this study, and how it may relate to or impact the proposed Nantucket wind farm, should be included in the Final EIS. Since the Corps already has a copy of the North Hoyle study, I have not included a copy with this letter.
2. Impact Analysis: Section 4.3.3 of the Navigation Risk Assessment contains an impact analysis using the M/V *Eagle* as the largest commercial vessel that routinely operates near Horseshoe Shoal. However, the McGowan Group Report (first referenced in the attached letter) identified two vessels larger than the M/V *Eagle* that have been sighted in Nantucket Sound. I request an impact analysis similar to that done for the M/V *Eagle* also be conducted for the M/V *Clipper Adventurer* and the T/V *Great Gull*.
3. Ice Floes: Section 4.4 of the Navigational Risk Assessment discusses the potential effects of ice build up around and within the proposed Nantucket wind farm. However, in light of the severe icing experienced in January and February of 2004, there is concern that large, thick ice floes could develop in Nantucket Sound, outside of the wind farm, and drift into the wind farm where it may damage one or more towers, or otherwise affect navigation safety. I request an analysis of the potential for ice floe formation and drifting within Nantucket Sound, and the potential for ice floe damage to the towers.

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NAVY DISTRICT

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14 February 2005

4. Other Issues in the McGowan Group Report: There are many issues in the McGowan Group Report that have not been specifically addressed in my letter of July 12, 2004, or this letter. The report's relevant issues are succinctly listed in its table of contents. I request that the McGowan Group Report be examined in its entirety and that the issues raised in that report be specifically addressed in the Final EIS.

Finally, I request that this letter and my letter of 12 June 2004, along with the McGowan Group Report and the North Hoyle study, be included in the public docket for the Nantucket Sound wind farm proposal.

Thank you for your consideration. I look forward to continuing our support of the Corps in this Federal permitting process.

Sincerely,



M. E. LANDRY
Captain, U.S. Coast Guard
Captain of the Port

Enclosure

Copy: CGD ONE (m, oan, dgp)
GRU Woods Hole