

From: Wenger, Tom R CIV Atlantic Test Range, 5.2.2.1.1  
[thomas.wenger@navy.mil]  
Sent: Wednesday, September 28, 2011 1:28 PM  
To: Park, James  
Subject: RE: Request for meteorological information for the Naval Air  
Station  
Patuxent River  
Attachments: KNHK wind rose.ppt  
Signed By: thomas.wenger@navy.mil

Mr. Park,

I should be able to provide the information by the requested date. If anything changes I will contact you directly. In the mean time I have attached a power point slide with the NAS Pax River wind rose graphic. The data is from 1973-2009. I will send the rest of data via email when it is compiled.

Thomas R. Wenger  
Site Lead, NAWCAD Weather  
Atlantic Test Ranges  
NAS Patuxent River, MD  
PH: 301-757-4276 DSN: 757-4276

-----Original Message-----

From: Park, James [mailto:James.Park@nrc.gov]  
Sent: Wednesday, September 28, 2011 13:03  
To: Wenger, Tom R CIV Atlantic Test Range, 5.2.2.1.1  
Cc: Hixon, Amy  
Subject: Request for meteorological information for the Naval Air  
Station Patuxent River

Dear Mr. Wenger:

I am an Environmental Project Manager at the U.S. Nuclear Regulatory Commission (NRC) at the NRC's headquarters office in Rockville, Maryland. The NRC is in the process of reviewing an application from Calvert Cliffs Nuclear Power Plant LLC (CCNPP) to renew its NRC license for the independent spent fuel storage installation (ISFSI) on the CCNPP site near Lusby, MD. As part of that review, the NRC is evaluating the environmental impacts of CCNPP's proposal to renew the ISFSI license and also reasonable alternatives to that proposal.

NRC's environmental assessment (EA) of CCNPP's proposal includes discussion of the local and regional environment around the CCNPP site with a view to evaluating the potential impacts of CCNPP's proposal on that environment. One aspect of the local environment is related to the meteorological and climatological conditions. In describing these conditions, the NRC staff uses recent and historical meteorological and climatological data.

It is our understanding that the Naval Air Station Patuxent River collects meteorological and climatological data. The NRC has obtained some historical data for the base from the National Climatic Data Center (NCDC) website. However, the NRC staff was not able to locate NCDC data for the base for the period after Year 2000. Therefore, in contacting you, I am hoping that you might be able to provide some or all of the following information:

- . Monthly average wind speeds for the period 2000 - 2010
- . A wind rose for the base based on a suitable period of recent historical data (e.g., for 2000 - 2010)
- . Monthly average precipitation for the period 2000 - 2010
- . Monthly average temperature data for the period 2000 - 2010
- . Monthly snowfall amounts for the period 2000 - 2010 or longer

I think it is important to note that any information that you are able to provide will be placed in NRC's Agencywide Documents and Access and Management System (ADAMS). ADAMS is NRC's official recordkeeping system, through which the NRC provides access to collections of publicly available documents. ADAMS is accessible to the public through the NRC's website at [www.nrc.gov](http://www.nrc.gov).

As I indicated above, the NRC staff is in the process of preparing its EA, which will make use of any information you are able to provide. To support the ongoing EA effort, I would respectfully request any information you are able to provide by Friday, October 7, 2011. If you find that this is not sufficient time to provide a full data set, please call me so that we can discuss a more reasonable date.

If acceptable, I would prefer that your response be by electronic mail to my attention. A hard copy, if desired, can be sent to my attention at the address below.

I can be reached by phone at 301-415-6935 or by email at [James.Park@nrc.gov](mailto:James.Park@nrc.gov).

Thank you for your assistance.

James R. Park, Environmental Project Manager

Environmental Review Branch A

DWMEP/FSME

Mail Stop T8-F5

U.S. Nuclear Regulatory Commission

Washington, DC 20555-0001