



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

June 1, 2011

Ms. Mary Knapp  
Field Supervisor  
U.S. Fish and Wildlife Service  
Ohio Ecological Services Field Office  
4625 Morse Rd., Suite 104  
Columbus, OH 43230

SUBJECT: REQUEST FOR LIST OF FEDERALLY PROTECTED SPECIES AND  
IMPORTANT HABITATS WITHIN THE AREA UNDER EVALUATION FOR THE  
DAVIS-BESSE NUCLEAR POWER STATION LICENSE RENEWAL  
APPLICATION REVIEW

Dear Ms. Knapp:

The U.S. Nuclear Regulatory Commission (NRC or the staff) is reviewing an application submitted by FirstEnergy Nuclear Operating Company (FENOC), for the renewal of the operating license for the Davis-Besse Nuclear Power Station, Unit 1 (DBNPS). DBNPS is located 25 miles east of Toledo, OH. The application for renewal was submitted by FENOC in a letter dated August 27, 2010, pursuant to Title 10 of the *Code of Federal Regulations* Part 54 (10 CFR Part 54). The NRC has established that, as part of the staff's review of any nuclear power plant license renewal application, a site-specific Supplemental Environmental Impact Statement (SEIS) to its "Generic Environmental Impact Statement for License Renewal of Nuclear Plants," NUREG-1437, will be prepared under 10 CFR Part 51, the NRC's regulation that implements the National Environmental Policy Act (NEPA) of 1969, as amended. The SEIS includes an analysis of pertinent environmental issues, impacts to endangered or threatened species, habitats, and impacts to other fish and wildlife. This letter is being submitted under the provisions of the Endangered Species Act of 1973, as amended, and the Fish and Wildlife Coordination Act of 1934, as amended.

FENOC stated that it has no plans to alter current operations over the license renewal period. DBNPS, operating under a renewed license, would use existing plant facilities and transmission lines, and would not require additional construction or disturbance of new areas. According to FENOC, any maintenance activities would be limited to previously disturbed areas. The DBNPS site consists of 954 acres, of which approximately 733 acres are marshland currently leased to the U.S. Government as a national wildlife refuge.

As part of the SEIS preparation, the applicable transmission line corridors will be reviewed. The DBNPS 345 kilovolt (kV) switchyard is adjacent to the plant and centrally located on the property. From the switchyard, three 345 kV transmission lines connect DBNPS to the power grid. The transmission lines labeled Bay Shore Line, Lemoyne Line, and Beaver Line are shown on the attached enclosures. Please see the map in Enclosure 4 for further detail.

In response to the *Federal Register* notice, issued on October 18, 2010, "Nuclear Regulatory Commission, FirstEnergy Nuclear Operating Company, Notice of Intent to Prepare an Environmental Impact Statement and Conduct the Scoping Process for Davis-Besse Nuclear Power Station, Unit 1, Docket No. 50-346," Fish and Wildlife Service's (FWS) submitted a letter

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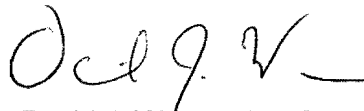
- 2 -

to the NRC, ADAMS Accession Number ML110060289, indicating that there are no Federal wilderness areas or designated critical habitat within the vicinity of the proposed site. In addition, FWS participated in the environmental audit held the week of March 7, 2011. As a result of the audit and FWS involvement, three additional threatened or endangered species were discovered to be known to or likely to occur near the DBNPS site.

To support the SEIS preparation process and to ensure compliance with Section 7 of the Endangered Species Act, the NRC requests concurrence on the enclosed table of Federally threatened, endangered, proposed, and candidate species that may be in the vicinity of the DBNPS site and its associated transmission line rights-of-way. Please provide any additional information you consider appropriate under the provisions of the Fish and Wildlife Coordination Act.

If you have any questions concerning the NRC staff's review of this license renewal application, please contact Ms. Paula Cooper, License Renewal Project Manager, at 301-415-2323 or by e-mail at [Paula.Cooper@nrc.gov](mailto:Paula.Cooper@nrc.gov).

Sincerely,



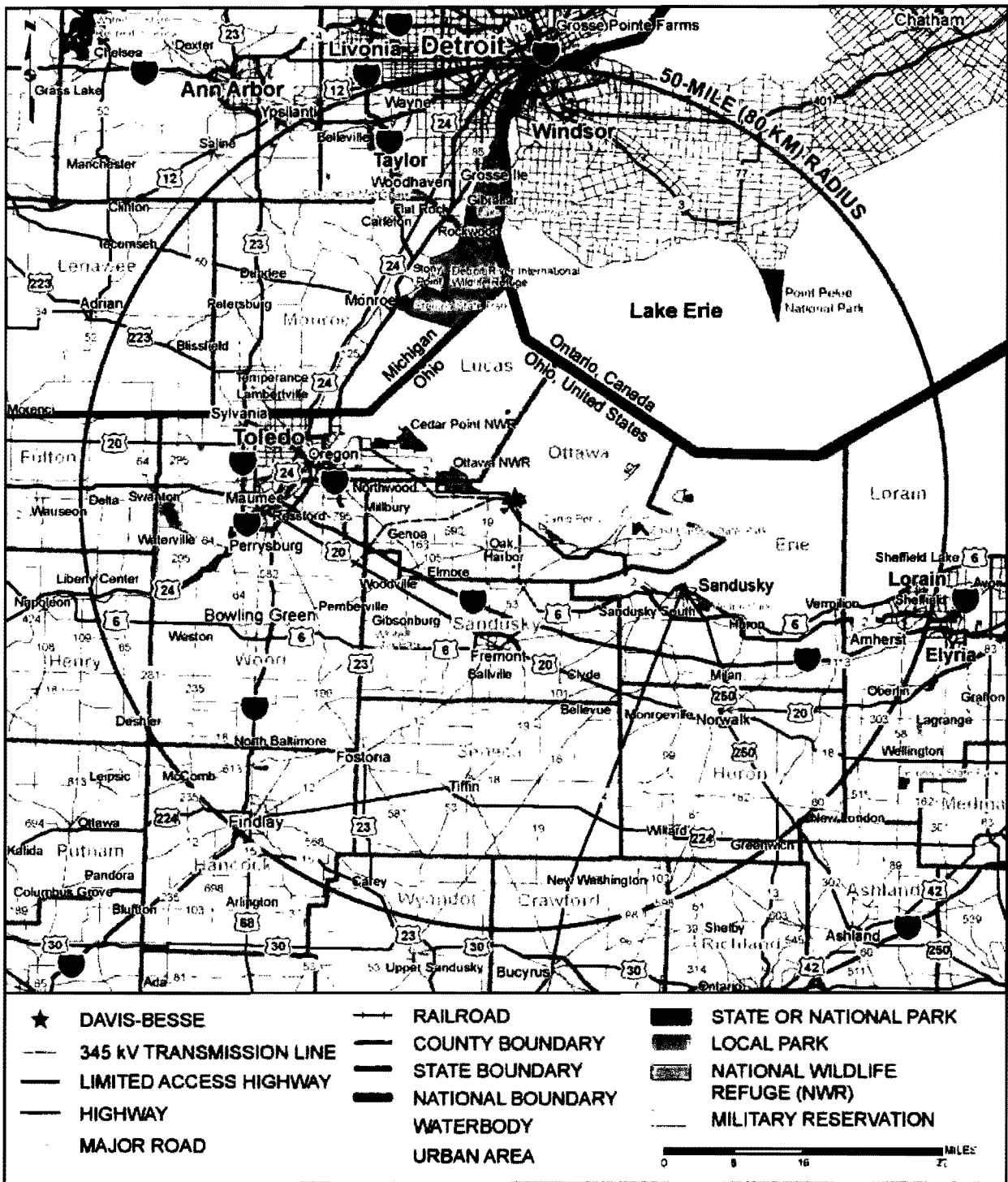
David J. Wrona, Chief  
Projects Branch 2  
Division of License Renewal  
Office of Nuclear Reactor Regulation

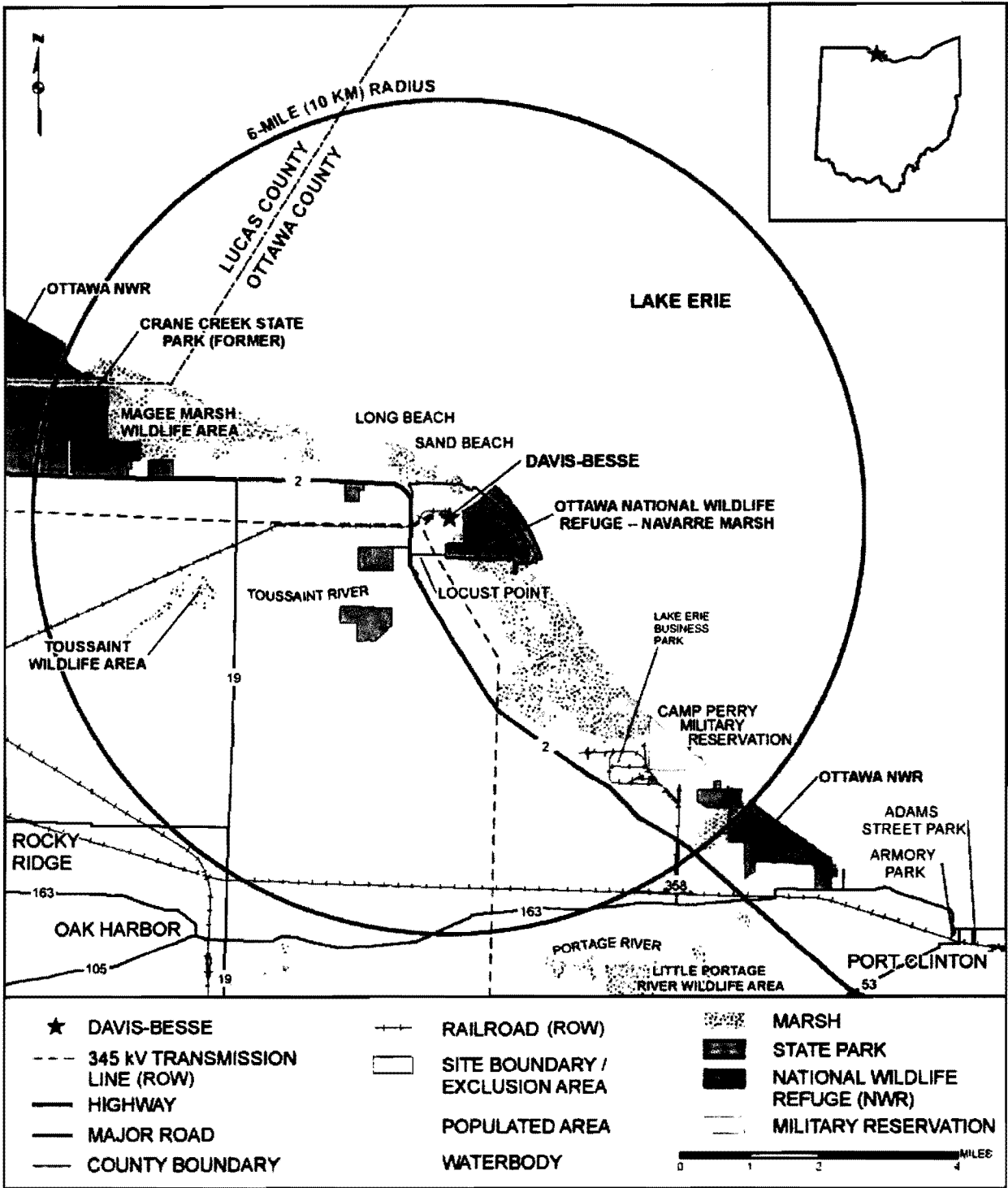
Docket No. 50-346

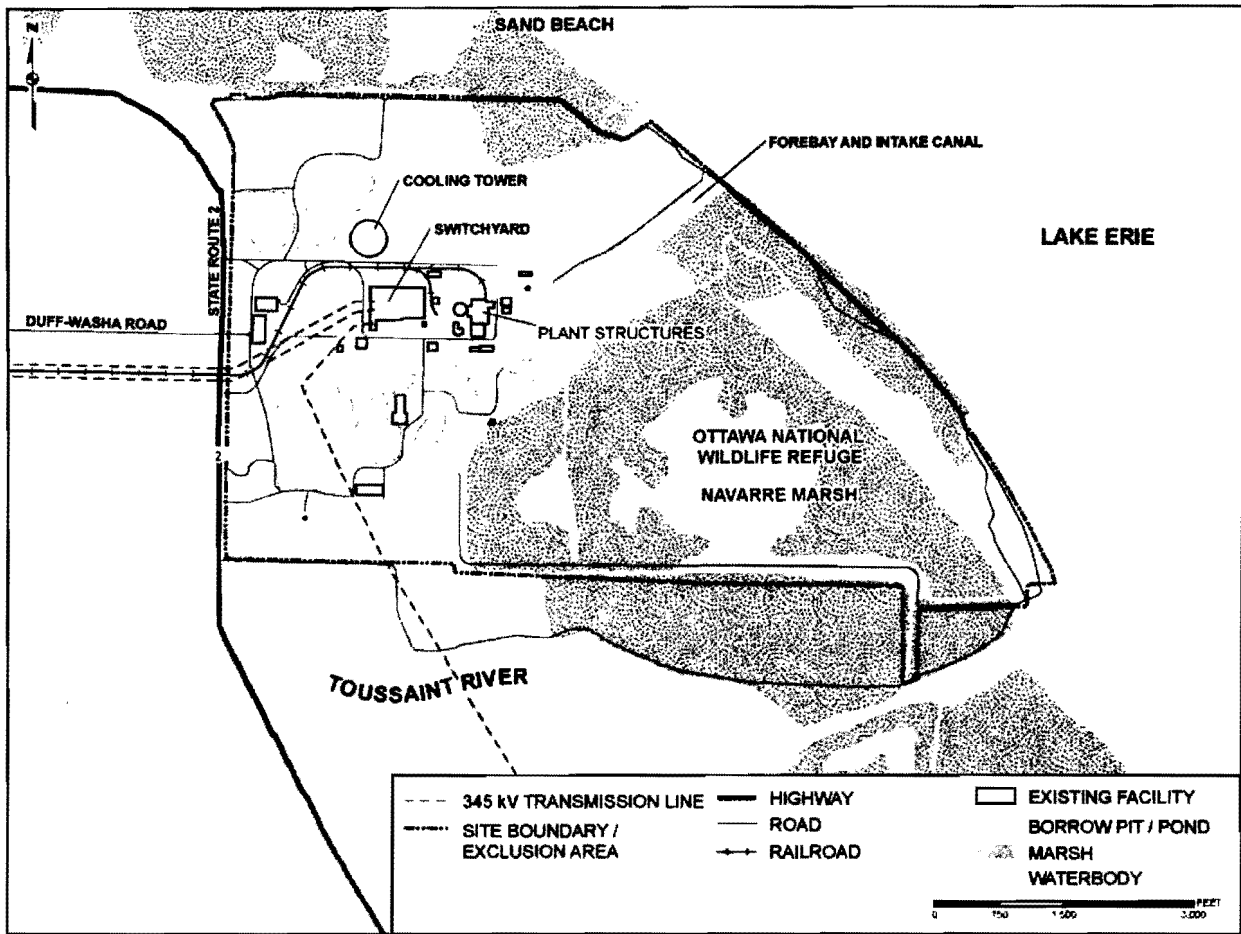
Enclosures:

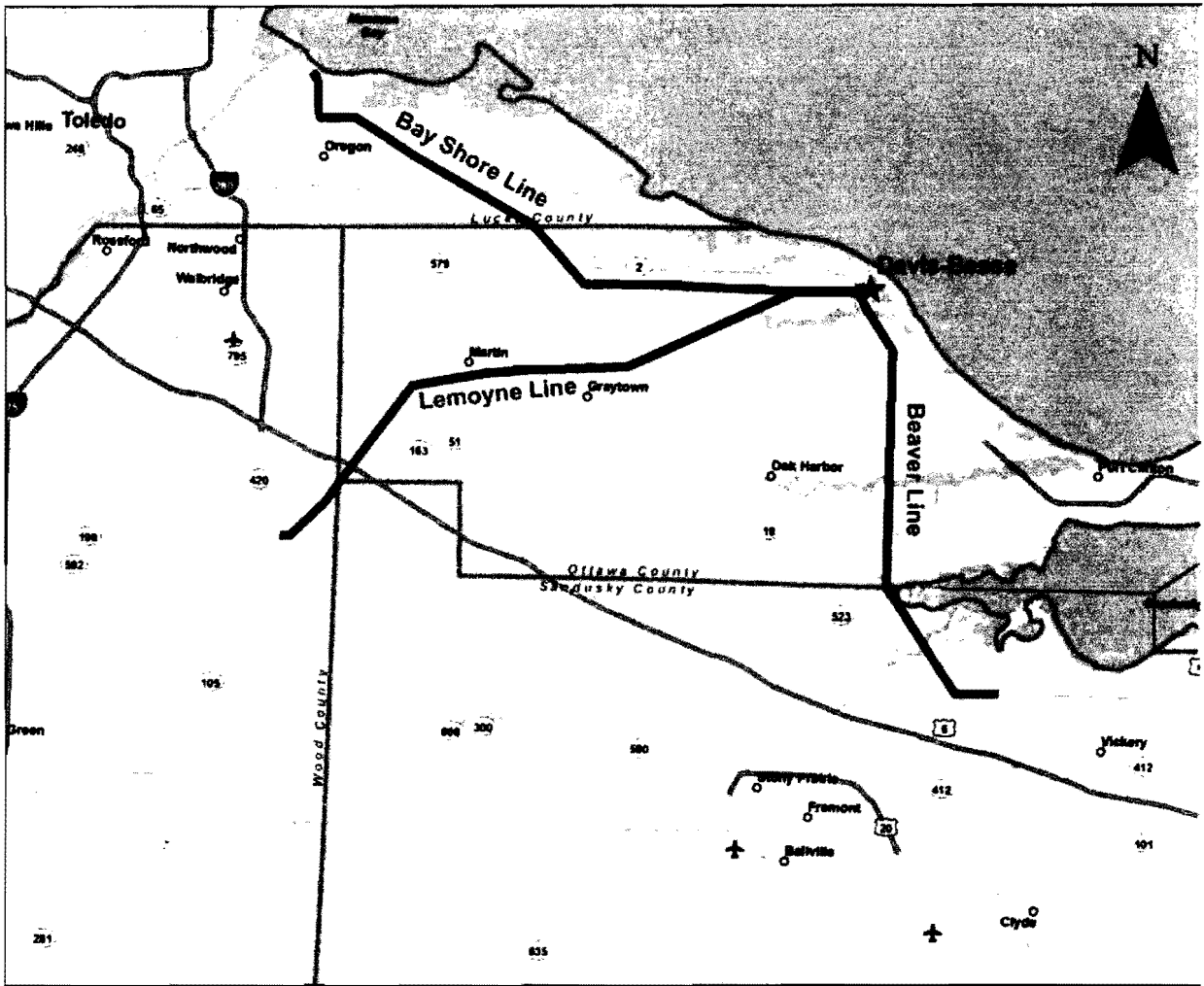
1. Area Map, 50-mile radius
2. Area Map, 6-mile radius
3. Site Area Map
4. Transmission Line Map
5. Federal T&E Species Table

cc w/encls: Listserv









**Legend**

- ★ Davis-Besse
- 345 kV Transmission Line
- County Boundary



## Federally Listed Species Near the Davis-Besse Site and Transmission Line ROWs

Scientific Name	Common Name	Federal Status <sup>(a)</sup>	State Status <sup>(b)</sup>	County(ies) of Occurrence <sup>(c)</sup>			
				Ottawa	Lucas	Sandusky	Wood
<b>Amphibians</b>							
NONE							
<b>Birds</b>							
<i>Charadrius melodus</i>	piping plover	E	E	x	x	x	
<i>Dendroica kirtlandii</i>	Kirtland's warbler	E	E	x	x	x	
<b>Fish</b>							
NONE							
<b>Insects</b>							
<i>Lycaeides melissa samuelis</i>	karner blue butterfly	E	E		x		
<b>Freshwater Mussels</b>							
<i>Epioblasma torulosa rangiana</i>	northern riffleshell	E	E	x			
<i>Villosa fabalis</i>	rayed bean	PE	E				
<b>Mammals</b>							
<i>Myotis sodalis</i>	indiana bat	E	E	x	x	x	x
<b>Plants</b>							
<i>Platanthera leucophaea</i>	eastern prairie fringed orchid	T	T	x	x	x	
<i>Tetraneuris herbacea</i>	lakeside daisy	T	E	x			
<b>Reptiles</b>							
<i>Nerodia sipedon insularum</i>	Lake Erie water snake	T	E	x			
<i>Sistrurus catenatus</i>	eastern massasauga	C	E	x	x	x	

<sup>(a)</sup> C= Candidate; DL = Delisted; E = Federally endangered; PE = proposed endangered; T = Federally threatened; - = No listing

<sup>(b)</sup> E = Endangered; T = Threatened; SC = Species of Concern

<sup>(c)</sup> The Davis-Besse site is located in Ottawa County, Ohio. The transmission lines associated with the Davis-Besse site traverse Ottawa County, as well as Lucas, Sandusky, and Wood Counties.

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Sincerely,

*/RA/*

David J. Wrona, Chief  
Projects Branch 2  
Division of License Renewal  
Office of Nuclear Reactor Regulation

Docket No. 50-346

Enclosures:

1. Area Map, 50-mile radius
2. Area Map, 6-mile radius
3. Site Area Map
4. Transmission Line Map
5. Federal T&E Species Table

cc w/encls: Listserv

DISTRIBUTION:

See next page

ADAMS Accession Nos.: **ML11131A176**

\*via e-mail

OFFICE	LA:DLR*	PM:RPB2:DLR	BC:RPB2:DLR
NAME	IKing	PCooper	DWrona
DATE	05/19/11	05/31/11	06/01/11

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Letter to Mary Knapp from David J. Wrona dated June 1, 2011

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