

**From:** "PNL NRC Vogtle" <nrc.vogtle@pnl.gov>  
**To:** <VOGTLE\_EIS@nrc.gov>  
**Date:** 7/30/2007 1:00:37 PM  
**Subject:** FW: Request for Alabama T&E species distribution data

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From: Stegen, Amanda  
Sent: Friday, June 15, 2007 9:49 AM  
To: Sackschewsky, Michael R  
Subject: FW: Request for Alabama T&E species distribution data

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From: Duberstein, Corey A  
Sent: Wednesday, April 25, 2007 1:36 PM  
To: 'Lewis, Jo'  
Cc: Stegen, Amanda; Krieg, Rebekah; Sackschewsky, Michael R  
Subject: FW: Request for Alabama T&E species distribution data

Thanks Jo, and yes it will be most useful. I certainly appreciate the quick turnaround as well.

Corey A. Duberstein  
Battelle Pacific Northwest National Laboratory  
P.O. Box 999  
Richland, WA 99352  
509-376-3801  
corey.duberstein@pnl.gov

---

From: Lewis, Jo [mailto:Jo.Lewis@dcnr.alabama.gov]  
Sent: Wednesday, April 25, 2007 1:03 PM  
To: Duberstein, Corey A  
Subject: RE: Request for Alabama T&E species distribution data

Hope this is useful to you. Let me know if there is anything else I can do.

Thanks,

Jo

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Sent: Thursday, March 22, 2007 11:40 AM  
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Subject: RE: Request for Alabama T&E species distribution data

Here's the list. I usually include a cover letter but did not want to delay sending this.

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From: Duberstein, Corey A [mailto:corey.duberstein@pnl.gov]  
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To: Lewis, Jo  
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From: Ragland, Penny [mailto:Penny.Ragland@dcnr.alabama.gov]  
Sent: Wednesday, February 28, 2007 10:45 AM  
To: Duberstein, Corey A  
Subject: RE: Request for Alabama T&E species distribution data

Hi Corey

I have given my boss, Jo Lewis, the material you sent. She is working on writing up a data share agreement. Her e-mail is jo.lewis@dcnr.alabama.gov, please feel free to e-mail her. I'll let her know you are inquiring about it.

Penny Ragland

Database Manager

Department of Conservation and Natural Resources

State Lands Division Natural Heritage Section

64 North Union Street

Montgomery AL 36130

(334) 353-1498

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From: Duberstein, Corey A [mailto:corey.duberstein@pnl.gov]  
Sent: Monday, February 26, 2007 6:18 PM  
To: Ragland, Penny

Cc: Stegen, Amanda; Sackschewsky, Michael R; Krieg, Rebekah;  
ARK2@nrc.gov; mdn@nrc.gov; Leigh, Kimberly D  
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Penny,

I sent the fax so you should receive it shortly if you haven't already. My contact information is in my signature below, but for questions concerning the data sharing agreement, please contact Mike Sackschewsky

@ 509-376-2554 (michael.sackschewsky@pnl.gov) as he is our Vogtle team lead.

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Our fax number is 334-242-0999. When we get it, we'll take a look and draft up an agreement. What is your phone number in case we have a few questions for you?

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Subject: RE: Request for Alabama T&E species distribution data

Ms. Ragland,

I've have been instructed to pick up where we left off on the GIS data use agreement in support of the Vogtle ESP (see below). About a month ago you has requested a copy of our data use agreement with the GaDNR. I have a hardcopy and would like to fax it as soon as possible. Please reply to this email and provide a fax number.

thanks

Corey Duberstein

Battelle PNNL

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From: Ragland, Penny [mailto:Penny.Ragland@dcnr.alabama.gov]  
Sent: Thursday, January 18, 2007 12:00 PM  
To: Duberstein, Corey A  
Subject: RE: Request for Alabama T&E species distribution data

Dear Mr. Duberstein

I have spoken with my boss (Jo Lewis) about your request for the species shapefile. At this time, we do not have an established MOU (Memorandum



of Understanding) or data use agreement about releasing data. We are in the process of creating a said data use agreement to enable the data exchange you requested. Would it be possible to see your data use agreement with Georgia? It might speed up the process.

Sincerely,

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From: Lein, Greg

Sent: Wednesday, January 17, 2007 2:13 PM

To: Jo Lewis (SLHeritage) (Lewis, Jo)

Cc: Ragland, Penny

Subject: FW: Request for Alabama T&E species distribution data

---

From: Duberstein, Corey A [mailto:corey.duberstein@pnl.gov]

Sent: Friday, December 08, 2006 1:16 PM

To: Thompson, Jody; Lein, Greg

Cc: Stegen, Amanda; ARK2@nrc.gov; Sackschewsky, Michael R; mdn@nrc.gov;

Leigh, Kimberly D; Krieg, Rebekah; James Wilson (JHW1@nrc.gov)

Subject: Request for Alabama T&E species distribution data

Ms. Thompson and Mr. Lein,

I am an ecologist with Battelle at the Pacific Northwest National Laboratory and I am assisting the Nuclear Regulatory Commission in

preparing an EIS to evaluate impacts associated with an Early Site Permit (ESP) for two additional reactor plants at the Vogtle Electric Generating Plant site near Waynesboro, Georgia. Southern Nuclear Operating Company submitted an application for this ESP on August 14, 2006. The application can be found on the NRC website at <http://www.nrc.gov/reactors/new-licensing/esp/vogtle.html> <<http://www.nrc.gov/reactors/new-licensing/esp/vogtle.html>> .

We will evaluate potential impacts to threatened and endangered species at Vogtle as well as alternative sites as part of the EIS. I have been tasked with acquiring threatened or endangered species information within the vicinities of 2 alternative sites to the Plant Vogtle site. Both of these sites are located in Alabama and I was given your names as potential contacts to assist in getting this information.

The Barton site is at the intersection of Elmore, Coosa, and Chilton Counties and the Farley site is in northeastern Houston County on the Chattahoochee River. Since we must evaluate impacts to surrounding environments, I would like to request GIS spatial data layers for all T&E species found in the following Alabama Counties: Elmore, Coosa, Chilton, Autauga, Houston, and Henry. We have made a similar request of the Georgia DNR and have been able to establish a data use agreement to enable the sharing of these sensitive data.

Please advise on what is programmatically required to enable this data exchange and what data may be available if an agreement can be put into place.

Thanks for your assistance and please email/phone me with any questions you may have.

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**Hearing Identifier:** Vogtle\_Public  
**Email Number:** 444

**Mail Envelope Properties** (46B199EF.HQGWDO01.TWGWPO04.200.2000010.1.A7DF0.1)

**Subject:** FW: Request for Alabama T&E species distribution data  
**Creation Date:** 7/30/2007 1:00:37 PM  
**From:** "^PNNL NRC Vogtle" <nrc.vogtle@pnl.gov>

**Created By:** nrc.vogtle@pnl.gov

**Recipients**  
<VOGTLE\_EIS@nrc.gov>

**Post Office**  
TWGWPO04.HQGWDO01

**Route**  
nrc.gov

| <b>Files</b>  | <b>Size</b> | <b>Date &amp; Time</b> |
|---------------|-------------|------------------------|
| MESSAGE       | 11227       | 7/30/2007 1:00:37 PM   |
| TEXT.htm      | 48000       | 8/2/2007 8:46:39 AM    |
| Talladega.pdf | 17859       | 8/2/2007 8:46:39 AM    |
| Mime.822      | 90511       | 8/2/2007 8:46:39 AM    |

**Options**  
**Priority:** Standard  
**Reply Requested:** No  
**Return Notification:** None  
None

**Concealed Subject:** No  
**Security:** Standard

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# ALABAMA'S FEDERALLY LISTED AND STATE PROTECTED SPECIES (BY COUNTY)

This is a list of state protected, and federally listed candidate, threatened, and endangered species the Alabama State Lands Division's Natural Heritage Section (SLD-NHS) believes to occur in the designated county. This list is a combination of the August 2006 U.S.F.W. Service (Daphne field Office) federally listed species by county list and the Alabama State Lands Division's Natural Heritage Section Database of species distributions data. This list is continually being updated, and, therefore, it may be incomplete or inaccurate and is provided strictly for informational purposes. It does not constitute any form of Section 7 consultation. We recommend that the U.S.F.W. Service Field Office in Daphne be contacted for Section 7 consultations. Site specific information can be provided by the Alabama SLD-NHS and/or the U.S.F.W. Service (Daphne field Office) prior to project activities. To be certain of occurrence, surveys should be conducted by qualified biologists to determine if a sensitive species occurs within a project area. Species not listed for a given county does not imply that they do not occur there, only that their occurrence there is as yet unrecorded by these two agencies.

## Talladega

| <b>Protection Status</b> | <b>Common name</b>         | <b>Scientific Name</b>   | <b>State Regulation Applicable</b> |
|--------------------------|----------------------------|--------------------------|------------------------------------|
| Endangered               | Coosa Moccasinshell        | Medionidus parvulus      | 220-2-.98 (1) (a)                  |
| Endangered               | Gray Bat                   | Myotis grisescens        | 220-2-.92 (1) (e)                  |
| Endangered               | Indiana Bat                | Myotis sodalis           | 220-2-.92 (1) (e)                  |
| Endangered               | Least Tern                 | Sterna antillarum        |                                    |
| Endangered               | Red-cockaded Woodpecker    | Picoides borealis        | 220-2-.92 (1) (d)                  |
| Endangered               | Southern Clubshell         | Pleurobema decisum       | 220-2-.98 (1) (a)                  |
| Endangered               | Southern Pigtoe            | Pleurobema georgianum    | 220-2-.98 (1) (a)                  |
| Endangered               | Triangular Kidneyshell     | Ptychobranhus greeni     | 220-2-.98 (1) (a)                  |
| Endangered               | Tulotoma Snail             | Tulotoma magnifica       | 220-2-.98 (1) (a)                  |
| Endangered               | Wood Stork                 | Mycteria americana       | 220-2-.92 (1) (d)                  |
| Threatened               | Bald Eagle                 | Haliaeetus leucocephalus | 220-2-.92 (1) (d)                  |
| Threatened               | Blue Shiner                | Cyprinella caerulea      | 220-2-.92 (1) (a)                  |
| Threatened               | Fineline Pocketbook        | Hamiota altalis          | 220-2-.98 (1) (a)                  |
| Threatened               | Lacy (Snail) Elimia        | Elimia crenatella        | 220-2-.98 (1) (a)                  |
| Threatened               | Painted Rocksnail          | Leptoxis taeniata        | 220-2-.98 (1) (a)                  |
| Threatened               | Slackwater Darter          | Etheostoma boschungii    | 220-2-.92 (1) (a)                  |
| Candidate                | Georgia Aster              | Aster georgianus         |                                    |
| State Protected          | Alabama Map Turtle         | Graptemys pulchra        | 220-2-.92 (1) (c)                  |
| State Protected          | Coldwater Darter           | Etheostoma ditrema       | 220-2-.92 (1) (a)                  |
| State Protected          | Rafinesque's Big-eared Bat | Corynorhinus rafinesquii | 220-2-.92 (1) (e)                  |
| State Protected          | Seal Salamander            | Desmognathus monticola   | 220-2-.92 (1) (b)                  |
| State Protected          | Southeastern Bat           | Myotis austroriparius    | 220-2-.92 (1) (e)                  |
| State Protected          | Southern Hognose Snake     | Heterodon simus          | 220-2-.92 (1) (c)                  |

Key to codes on list:

Endangered - Federally listed as Endangered  
Threatened - Federally listed as Threatened  
Candidate - Federally listed as Candidate  
State Protected - It is unlawful to take, capture, or kill; possess, sell, trade for anything of monetary value, or offer to sell or trade these species. Alabama Regulations relating to game, fish, and furbearing animals. 2005-2006.

Alabama Department of Conservation and Natural Resources.

Experimental - Species is protected throughout its range including Colbert and Lauderdale counties except for the nonessential experimental population. Endangered and Threatened Wildlife and Plants; Establishment of Nonessential Experimental Population Status for 16 Freshwater Mussels and 1 Freshwater Snail in the Free-Flowing Reach of the Tennessee River below the Wilson Dam, Colbert and Lauderdale Counties, Alabama. [Federal Register; June 14, 2001 (Volume 66, Number

(P) - Possible Occurrence  
(S/A) - Similarity of Appearance to a listed species  
(PE) - Proposed for federal listing as Endangered  
(PT) - Proposed for federal listing as Threatened  
(CH) - Critical Habitat has been designated  
(PCH) - Critical Habitat has been proposed  
(H) - Historically known to have occurred in the

Notes:

- Bald eagle (*Haliaeetus leucocephalus*), red-cockaded woodpecker (*Picoides borealis*) and the American peregrine falcon (*Falco peregrinus anatum*) may occur in any county, if habitat exists.
- Wood stork: July - October
- Bald eagle: Wintering birds possible in areas with reservoirs.
- Sea turtles: Only loggerhead is potential nester, the rest are in coastal waters.
- Black bear (*Ursus americanus* sp.) - known to exist in Mobile County, but not listed.
- Gulf moccasinshell (*Mediondus penicillatus*), oval pigtoe (*Pleurobema pyriforme*), Chipola slabshell (*El liptio chipolaensis*), and purple bankclimber (*Elliptoideus sloatianus*) are freshwater mussels found only in eastern Gulf Slope streams draining the Apalachicola Region, defined as streams from the Escambia to the Suwannee river systems, and occurring in southeast Alabama, southwest Georgia, and north Florida. All are listed as "Endangered".
- Fanshell (*Cyprogenia stegaria*), oyster mussel (*Epioblasma capsaeformis*), and catspaw (purple cat's paw pearlymussel) (*Epioblasma obliquata obliquata*) are historically known to be found in the Tennessee River system and drainage.
- Gentian pinkroot (*Spigelia gentianoides*) has been historically found along the Alabama-Florida border.
- West Indian Manatee (*Trichechus manatus*) has been known to move north along the gulf coast west to Louisiana.