

**From:** "Moorer, Tom C." <TCMOORER@southernco.com>  
**To:** "Mark Notich" <mdn@nrc.gov>, "Michael R Sackschewsky"  
<michael.sackschewsky@pnl.gov>  
**Date:** 7/19/2007 6:06:49 PM  
**Subject:** Ellassoma Okatie (Bluebarred Sunfish) Memos

<<RE: Ellassoma okatie on Savannah Floodplain>> <<FW: Ellassoma okatie on Savannah Floodplain>> <<BBPS>>

Mark:

Please find attached e-mails from Georgia DNR regarding our and their evaluation of the potential for the Bluebarred Sunfish (ellassoma okatie) to be present in waters on the Vogtle site. As you can see, DNR believes as SNC does that it is very unlikely that this fish occurs on the Vogtle site.

By the way, DNR was very complimentary of SNC's effort to look for this fish and the support we provided for locating potential areas where it may be present.

TCM

Thomas C. Moorner  
Southern Nuclear Development  
Project Manager - Environmental  
(205) 992-5807 (office)  
(205) 902-7847 (cell)  
(205) 438-1886 (LINC)  
(205) 992-6108 (FAX)

**Hearing Identifier:** Vogtle\_Public  
**Email Number:** 454

**Mail Envelope Properties** (46B1A3E9.HQGWDO01.TWGWPO04.200.2000004.1.C4E00.1)

**Subject:** Ellassoma Okatie (Bluebarred Sunfish) Memos  
**Creation Date:** 7/19/2007 6:06:49 PM  
**From:** "Moorer, Tom C." <TCMOORER@southernco.com>

**Created By:** TCMOORER@southernco.com

**Recipients**

"Mark Notich" <mdn@nrc.gov>  
"Michael R Sackschewsky" <michael.sackschewsky@pnl.gov>

**Post Office**  
TWGWPO04.HQGWDO01

**Route**  
nrc.gov

<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>
MESSAGE	773	7/19/2007 6:06:49 PM
ATT208634.eml	3671	8/2/2007 9:29:13 AM
ATT208636.eml	2737	8/2/2007 9:29:13 AM
ATT208638.eml	2754	8/2/2007 9:29:13 AM
Mime.822	15391	8/2/2007 9:29:13 AM

**Options**

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

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

Received: from GAXGPEX31.southernco.com ([148.199.226.100]) by ALXAPEX46.southernco.com with Microsoft SMTPSVC(6.0.3790.1830); Thu, 26 Apr 2007 06:27:15 -0500  
Content-class: urn:content-classes:message  
Return-Path: <MAABNEY@southernco.com>  
X-MimeOLE: Produced By Microsoft Exchange V6.5  
X-OriginalArrivalTime: 26 Apr 2007 11:27:15.0285 (UTC) FILETIME=[D7566850:01C787F5]  
Subject: RE: Ellassoma okatie on Savannah Floodplain  
Date: Thu, 26 Apr 2007 06:27:16 -0500  
Message-ID: <F5BEA38E03A22B4B9583A22F508F1FE2770AB3@GAXGPEX31.southernco.com>  
In-Reply-To: <s62f598a.096@dnr-gwia1.DNR.State.Ga.US>  
X-MS-Has-Attach:  
X-MS-TNEF-Correlator:  
Thread-Topic: Ellassoma okatie on Savannah Floodplain  
Thread-Index: AceHYGyT0gHMe9JXThOWsgrXkgfDXAAIPM9g  
From: "Abney, Michael A." <MAABNEY@southernco.com>  
To: "Brett Albanese" <Brett\_Albanese@dnr.state.ga.us>  
Cc: "Mary Freeman" <mary\_freeman@usgs.gov>, "Moorer, Tom C." <TCMOORER@southernco.com>, "Joyner, Jessica A." <JJOYNER@southernco.com>, "Montz, Matthew Thomas" <MTMONTZ@SOUTHERNCO.COM>, "Nichols, Michael C. (Env. Lab GPC)" <MCNICHOL@southernco.com>, "Candler, W. Jim" <WJCANDLE@southernco.com>

Brett,

On April 9, 2007, ichthyofauna samples were collected from above, below and within Mallard Pond near Plant Vogtle. Multiple samples were taken in shallow areas with a kicknet over about 100 meters at each location. The slow, meandering cypress stream is a tributary of the Savannah River just upstream of Plant Vogtle's intake. The only species collected was the common mosquitofish (*Gambusia holbrooki*) below Mallard Pond. No bluebarred pygmy sunfish (*Elassoma okatie*) were present nor were conditions conducive to the fish which prefers "roadside ditches and backwaters of creeks or rivers with brown-stained water and abundant vegetation" (Marcey et al. 2005). Although some of the areas constitute "backwaters" the water was clear and little vegetation was present.

Thanks for your assistance,

Michael

>Michael A. Abney, FP-C  
>Fisheries Biologist  
>  
>Georgia Power Environmental Laboratory  
>5131 Maner Road  
>Smyrna, GA 30080  
>  
>Telephone: (404) 799-2159  
>Inter-office: 8-530-2159  
Cell: (770) 550-2502  
  
>E-mail: maabney@southernco.com  
>

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

From: Brett Albanese [mailto:Brett\_Albanese@dnr.state.ga.us]

Sent: Wednesday, April 25, 2007 1:37 PM

To: Abney, Michael A.

Cc: Mary Freeman

Subject: Elasmoma okatie on Savannah Floodplain

Mike,

Per communication with Mary Freeman, the record of *E. okatie* reported from the Savannah River floodplain could not be confirmed. The only material saved from that collection turned out to be *E. zonatum*. Despite this, I would have recommended that you do the survey anyways, since you are definitely within the potential range of this species. Thanks for doing the survey. Please send me your survey data when you get a chance.

Thanks,

Brett

Brett Albanese, Ph.D.  
Georgia Department of Natural Resources  
Nongame Conservation Section  
Wildlife Resources Conservation Center  
2065 U.S. Highway 278 SE  
Social Circle, GA 30025-4743  
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Phone: 706-557-3032  
Fax: 706-557-3033

GIS shapefiles and a list of Georgia's High Priority Waters are now posted at [www.georgiawildlife.com](http://www.georgiawildlife.com)  
Follow links to "Nongame Animals & Plants", "Georgia Rare Species and Natural Community Information", and "High Priority Waters"

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Received: from GAXGPEX31.southernco.com ([148.199.226.100]) by ALXAPEX46.southernco.com with Microsoft SMTPSVC(6.0.3790.1830); Thu, 26 Apr 2007 06:23:48 -0500  
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Subject: FW: Ellassoma okatie on Savannah Floodplain  
Date: Thu, 26 Apr 2007 06:23:48 -0500  
Message-ID: <F5BEA38E03A22B4B9583A22F508F1FE2770AB1@GAXGPEX31.southernco.com>  
X-MS-Has-Attach:  
X-MS-TNEF-Correlator:  
Thread-Topic: Ellassoma okatie on Savannah Floodplain  
Thread-Index: AceHYGyT0gHMe9JXThOWsgrXkgfDXAAIMIUg  
From: "Abney, Michael A." <MAABNEY@southernco.com>  
To: "Montz, Matthew Thomas" <MTMONTZ@SOUTHERNCO.COM>, "Moorer, Tom C." <TCMOORER@southernco.com>  
Cc: "Joyner, Jessica A." <JJOYNER@southernco.com>, "Nichols, Michael C. (Env. Lab GPC)" <MCNICHOL@southernco.com>, "Candler, W. Jim" <WJCANDLE@southernco.com>

From GA-DNR...I will cc: you on my survey response.

>Michael A. Abney, FP-C  
>Fisheries Biologist  
>  
>Georgia Power Environmental Laboratory  
>5131 Maner Road  
>Smyrna, GA 30080  
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>Telephone: (404) 799-2159  
>Inter-office: 8-530-2159  
>Cell: (770) 550-2502  
  
>E-mail: maabney@southernco.com  
>

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

From: Brett Albanese [mailto:Brett\_Albanese@dnr.state.ga.us]  
Sent: Wednesday, April 25, 2007 1:37 PM  
To: Abney, Michael A.  
Cc: Mary Freeman  
Subject: Ellassoma okatie on Savannah Floodplain

Mike,

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Thanks,

Brett

Brett Albanese, Ph.D.  
Georgia Department of Natural Resources  
Nongame Conservation Section  
Wildlife Resources Conservation Center  
2065 U.S. Highway 278 SE  
Social Circle, GA 30025-4743  
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Fax: 706-557-3033

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Received: from GAXGPEX31.southernco.com ([148.199.226.100]) by ALXAPEX46.southernco.com with Microsoft SMTPSVC(6.0.3790.1830); Thu, 29 Mar 2007 12:31:03 -0500  
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Subject: BBPS  
Date: Thu, 29 Mar 2007 12:31:03 -0500  
Message-ID: <F5BEA38E03A22B4B9583A22F508F1FE264EDE7@GAXGPEX31.southernco.com>  
X-MS-Has-Attach:  
X-MS-TNEF-Correlator:  
Thread-Topic: BBPS  
Thread-Index: AcdxhqNxYJVrOqWYTxW70+Re+SpXeAAoQqsQ  
From: "Abney, Michael A." <MAABNEY@southernco.com>  
To: "Nichols, Michael C. (Env. Lab GPC)" <MCNICHOL@southernco.com>, "Candler, W. Jim" <WJCANDLE@southernco.com>, "Montz, Matthew Thomas" <MTMONTZ@SOUTHERNCO.COM>  
Cc: "Moorer, Tom C." <TCMOORER@southernco.com>

A note from Brett Albanese. He is GA-DNR's nongame fish guy. I plan on looking around Vogtle Monday, April 9th.

From Brett:

I was glad I went to Fort Gordon. I got some *Elassoma okatie* and some really nice *Etheostoma fricksium* and *Etheostoma serriferfor picutres*. Based on what I saw at in Boggy Gut Creek, I think you are really unlikely to get *E. okatie* unless you have some slackwater habitat with abundant aquatic plants. A consultant called me to ask about *E. okatie* habitat. I returned her call, but she has not gotten back to me yet.

Best,

Brett

Brett Albanese, Ph.D.  
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Nongame Conservation Section  
Wildlife Resources Conservation Center  
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Social Circle, GA 30025-4743  
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Follow links to "Nongame Animals & Plants", "Georgia Rare Species and

Natural Community Information", and "HUC8 Watershed Rare Element"  
>>> "Abney, Michael A." <MAABNEY@southernco.com> 03/28/07 5:13 PM >>>  
Overheard Jim Peterson and Mary Freeman and some others (don't know  
their names) discussing how well you did in your interview process up  
here and that the previous person (female) had not done well. Rock on!

> Michael A. Abney, FP-C  
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>