



MISSISSIPPI
DEPARTMENT OF WILDLIFE, FISHERIES, AND PARKS

Sam Polles, Ph.D.
Executive Director

February 13, 2012

David Wrona
US Nuclear Regulatory Commission
11545 Rockville Pike
Rockville, MD 20852

Re: License Renewal - Grand Gulf Nuclear Station, Unit 1
Docket No. 50-416
Port Gibson, Claiborne County, Mississippi

R# 8805

To Whom It May Concern,

In response to your request for information dated January 20, 2012, we have searched our database for occurrences of state or federally listed species and species of special concern that occur within 2 miles of the site of the proposed project. Please find our concerns and recommendations below.

The following species of concern may occur within 2 miles of the proposed project area:

SCIENTIFIC NAME	COMMON NAME	FED	STATE	STATE RANK
<i>Crystallaria asprella</i>	Crystal Darter		LE	S1
<i>Scaphirhynchus albus</i>	Pallid Sturgeon	LE	LE	S1
<i>Ursus americanus luteolus</i>	Louisiana Black Bear	LT, SAT	LE	S1
<i>Macrhybopsis meeki</i>	Sicklefin Chub			S1
<i>Ursus americanus</i>	Black Bear	PS	LE	S1
<i>Eudocimus albus</i>	White Ibis			S2B,S3N
<i>Mycteria americana</i>	Wood Stork	PS:LE	LE	S2N
<i>Ichthyomyzon castaneus</i>	Chestnut Lamprey			S3
<i>Ictiobus niger</i>	Black Buffalo			S3
<i>Polyodon spathula</i>	Paddlefish			S3
<i>Cycleptus elongatus</i>	Blue Sucker			S3

<i>Plethodon websteri</i>	Webster's Salamander			S3
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State Rank

S1 — Critically imperiled in Mississippi because of extreme rarity (5 or fewer occurrences or very few remaining individuals or acres) or because of some factor(s) making it vulnerable to extirpation.

S2 — Imperiled in Mississippi because of rarity (6 to 20 occurrences or few remaining individuals or acres) or because of some factor(s) making it vulnerable to extirpation.

S3 — Rare or uncommon in Mississippi (on the order of 21 to 100 occurrences).

State and Federal Status

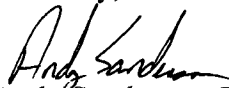
LE Endangered — A species which is in danger of extinction throughout all or a significant portion of its range.

LT Threatened — A species likely to become endangered in foreseeable future throughout all or a significant portion of its range.

Based on information provided, we conclude that if best management practices are properly implemented, monitored, and maintained (particularly measures to prevent, or at least, minimize negative impacts to water quality), the proposed project likely poses no threat to listed species or their habitats.

Please feel free to contact us if we can provide any additional information, resources, or assistance that will help minimize negative impacts to the species and/or ecological communities identified in this review. We are happy to work with you to ensure that our state's precious natural heritage is conserved and preserved for future Mississippians.

Sincerely,



Andy Sanderson, Ecologist

Mississippi Natural Heritage Program

(601) 576-6064

The Mississippi Natural Heritage Program (MNHP) has compiled a database that is the most complete source of information about Mississippi's rare, threatened, and endangered plants, animals, and ecological communities. The quantity and quality of data collected by MNHP are dependent on the research and observations of many individuals and organizations. In many cases, this information is not the result of comprehensive or site-specific field surveys; most natural areas in Mississippi have not been thoroughly surveyed and new occurrences of plant and animal species are often discovered. Heritage reports summarize the existing information known to the MNHP at the time of the request and cannot always be considered a definitive statement on the presence, absence or condition of biological elements on a particular site.



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