

**Levy Nuclear Plant Units 1 and 2
COL Application
PART 3, Environmental Report
Appendix 2.4-1
Important Wildlife Species Potentially Occurring within the Transmission Corridors**

Scientific Name	Common Name	Status			Typical Habitat
		Federal	State	F.A.C. Rule 39-1	
<i>Acantharchus pomotis</i>	Mud Sunfish	N	N	Game	Vegetated sloughs, lakes, and pools and backwaters of creeks and small to medium rivers
<i>Ambloplites ariommus</i>	Shadow Bass	N	N	Game	Brushy and vegetated, gravel-bottomed, sand-bottomed and mud-bottomed pools of creeks and small to medium rivers
<i>Centrarchus macropterus</i>	Flier	N	N	Game	Swamps, vegetated lakes, ponds, sloughs, and backwaters and pools of creeks and small rivers
<i>Cichla ocellaris</i>	Peacock Bass	N	N	Game	In rapids and quiet waters with medium depth and rocky substrates
<i>Lepomis auritus</i>	Redbreast Sunfish	N	N	Game	Rocky and sandy pools of creeks and small to medium rivers; rocky and vegetated lake margins
<i>Lepomis gulosus</i>	Warmouth	N	N	Game	Vegetated lakes, ponds, swamps, and quiet water areas of streams
<i>Lepomis macrochirus</i>	Bluegill	N	N	Game	Lakes, ponds, reservoirs, and sluggish streams
<i>Lepomis megalotis</i>	Longear Sunfish	N	N	Game	Dense vegetation in small lakes, ponds, and slow moving rivers and streams
<i>Lepomis microlophus</i>	Redear Sunfish	N	N	Game	Ponds, swamps, lakes, and small to medium rivers
<i>Lepomis punctatus</i>	Spotted Sunfish	N	N	Game	Heavily vegetated ponds, lakes, pools of creeks and small to medium rivers, and swamps
<i>Micropterus salmoides floridanus</i>	Black Bass	N	N	Game	Clear non-flowing waters of upper estuaries, rivers, lakes, reservoirs, and ponds
<i>Morone chrysops</i>	White Bass	N	N	Game	Lakes, ponds, and pools of small to large rivers
<i>Morone chrysops x Morone saxatilis</i>	Sunshine Bass	N	N	Game	Lakes, ponds, and pools of small to large rivers
<i>Morone saxatilis</i>	Striped Bass	N	N	Game	Rivers
<i>Pomoxis nigromaculatus</i>	Black Crappie	N	N	Game	Lakes, ponds, sloughs, and backwaters and pools of streams
AMPHIBIANS					
<i>Rana capito</i>	Gopher Frog	N	SSC	N	Sandhill and scrub with isolated wetlands or large ponds; commensal with gopher tortoises
REPTILES					
<i>Alligator mississippiensis</i>	American Alligator	T (SA)	SSC	N	Most permanent bodies of freshwater, including marshes, swamps, lakes, and rivers
<i>Caretta caretta</i>	Loggerhead	T	T	N	Coastal areas, bays, inlets, and lagoons
<i>Chelonia mydas</i>	Green Turtle	E	E	N	Estuarine and marine coastal areas, bays, inlets, and lagoons
<i>Drymarchon couperi</i>	Eastern Indigo Snake	T	T	N	Broad range of habitats, from scrub and sandhill to wet prairies and mangrove swamps; often commensal with gopher tortoises
<i>Gopherus polyphemus</i>	Gopher Tortoise	N	T	N	Dry upland habitats, including sandhills, scrub, xeric oak hammock, and dry pine flatwoods; also pastures and old fields
<i>Lepidochelys kempii</i>	Kemp's Ridley	E	E	N	Marine coastal waters; juveniles frequent bays, inlets, and lagoons
<i>Neoseps reynoldsi</i>	Sand Skink	T	T	N	Rosemary scrub, sand pine and oak scrubs, scrubby flatwoods, turkey oak ridges within scrub, citrus groves occupying former scrub
<i>Pituophis melanoleucus mugitus</i>	Florida Pine Snake	N	SSC	N	Typical Habitat
<i>Pseudemys concinna suwanniensis</i>	Suwannee Cooter	N	SSC	N	Rivers and large streams

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<i>Stilosoma extenuatum</i>	Short-tailed Snake	N	T	N	Sandhill, xeric hammock, and sand pine scrub
BIRDS					
<i>Ammodramus maritimus</i>	Scott's Seaside Sparrow	N	SSC	N	Tidal marshes
Anatidae (family)	Geese, Ducks	N	N	Game	Freshwater marshes, lake margins, and wet prairies
<i>Aphelocoma coerulescens</i>	Florida Scrub-jay	T	T	N	Low-growing oak scrub habitat
<i>Aramus guarauna</i>	Limpkin	N	SSC	N	Mangroves, freshwater marshes, swamps, springs, spring runs, pond, river, and lake margins
<i>Athene cunicularia floridana</i>	Florida Burrowing Owl	N	SSC	N	Dry prairie, sandhill, and pastures
<i>Caracara cheriway</i>	Crested Caracara	T	T	N	Open country, dry prairie, pasture lands with cabbage palm, and cabbage palm/live oak hammocks
<i>Charadrius melodus</i>	Piping Plover	T	T	N	Tidal mudflats
<i>Cistothorus palustris marianae</i>	Marian's Marsh Wren	N	SSC	N	Tidal marshes
<i>Colinus virginianus</i>	Northern Bobwhite	N	N	Game	Brushy pastures, open woodlands
<i>Corvus spp.</i>	Crows	N	N	Game	Forested areas, pastures, and suburban areas
<i>Egretta caerulea</i>	Little Blue Heron	N	SSC	N	Freshwater lakes, marshes, swamps, and streams; roosts in cypress trees
<i>Egretta thula</i>	Snowy Egret	N	SSC	N	Freshwater and coastal wetlands, streams, lakes, and swamps, manmade impoundments, and ditches
<i>Egretta tricolor</i>	Tricolored Heron	N	SSC	N	Wetlands, ditches, pond and lake edges, and coastal areas
<i>Eudocimus albus</i>	White Ibis	N	SSC	N	Freshwater and brackish marshes, salt flats, forested wetlands, wet prairies, swales, and man-made ditches
<i>Falco peregrinus</i>	Peregrine Falcon	N	E	N	Open land near rivers and lakes and suburban areas
<i>Falco sparverius paulus</i>	Southeastern American Kestrel	N	T	N	Open pine habitats, woodland edges, prairies, and pastures
<i>Fulica americana</i>	American Coot	N	N	Game	Open ponds, marshes, coastal inlets, and bays
<i>Gallinago gallinago</i>	Common Snipe	N	N	Game	Freshwater marshes, ponds, and fields
<i>Gallinula chloropus</i>	Common Moorhen	N	N	Game	Freshwater marshes and ponds
<i>Grus canadensis pratensis</i>	Florida Sandhill Crane	N	T	N	Prairies, freshwater marshes, and pastures
<i>Haematopus palliatus</i>	American Oystercatcher	N	SSC	N	Mudflats
<i>Haliaeetus leucocephalus</i>	Bald Eagle	N	T	N	Coastal areas, bays, rivers, lakes, or other bodies of water
<i>Meleagris gallopavo osceola</i>	Florida Wild Turkey	N	N	Game	Oak woodlands and pine-oak forests
<i>Mycteria americana</i>	Wood Stork	E	E	N	Cypress strands and domes and mixed hardwood swamps
<i>Pelecanus occidentalis</i>	Brown Pelican	N	SSC	N	Small islands in bays and estuaries
<i>Picoides borealis</i>	Red-cockaded Woodpecker	E	SSC	N	Old growth longleaf and slash pine forests; present within the Withlacoochee State Forest

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<i>Platalea ajaja</i>	Roseate Spoonbill	N	SSC	N	Mangrove inlets and pools, marine tidal flats, coastal and freshwater marshes, and freshwater sloughs
Rallidae (family)	Rails	N	N	Game	Freshwater marshes, coastal salt marshes, and ditches
<i>Rynchops niger</i>	Black Skimmer	N	SSC	N	Coastal waters (bays and estuaries), large lakes, phospahte pits, and flooded agricultural fields
<i>Scolopax minor</i>	American Woodcock	N	N	Game	Moist woodlands and thickets near open fields
<i>Sterna antillarum</i>	Least Tern	N	T	N	Coastal areas, beaches, lagoons, bays, and estuaries
<i>Zenaida asiatica</i>	White-winged Dove	N	N	Game	Open fields, shrubland, and residential areas
<i>Zenaida macroura</i>	Mourning Dove	N	N	Game	Open fields and residential areas
MAMMALS					
<i>Canis latrans</i>	Coyote	N	N	Furbearer	Forested areas and pastures
<i>Didelphis virginiana</i>	Virginia Opossum	N	N	Furbearer	Forested uplands, forested wetlands, and residential areas
<i>Lynx rufus</i>	Bobcat	N	N	Furbearer	Large forests, swamps, and hammocks
<i>Lutra canadensis</i>	River Otter	N	N	Furbearer	Rivers, creeks, lakes, ponds, and swamps
<i>Mephitis mephitis</i>	Striped Skunk	N	N	Furbearer	Brushy fields, weedy pastures, disturbed areas, and residential areas
<i>Odocoileus virginianus</i>	White-tailed Deer	N	N	Game	Pine flatwoods, pine-oak forests, and hammocks
<i>Podomys floridanus</i>	Florida Mouse	N	SSC	N	Xeric upland communities with sandy soils, including scrub, sandhill, and ruderal sites
<i>Procyon lotor</i>	Raccoon	N	N	Furbearer	Forested uplands and forested wetlands
<i>Sciurus carolinensis</i>	Eastern Gray Squirrel	N	N	Game	Forested uplands and urban areas
<i>Sciurus niger shermani</i>	Sherman's Fox Squirrel	N	SSC	N	Sandhills, pine flatwoods, pastures, and other open, ruderal habitats with scattered pines and oaks
<i>Spilogale putorius</i>	Eastern Spotted Skunk	N	N	Furbearer	Brushy fields, weedy pastures, disturbed areas, and residential areas
<i>Sorex longirostris eionis</i>	Homosassa Shrew	N	SSC	N	Forested wetlands, riparian forests, fields, brushy areas, and near Homosassa Springs area
<i>Sylvilagus floridanus</i>	Eastern Cottontail	N	N	Game	Brushland, weed and briar patches, abandoned fields, and areas fringing cultivated fields
<i>Sylvilagus palustris</i>	Marsh Rabbit	N	N	Game	Wet bottomlands, swamps, marshes, and hammocks
<i>Trichechus manatus</i>	Manatee	E	E	N	Bays and rivers
<i>Ursus americanus floridanus</i>	Florida Black Bear	N	T	N	Large areas of forested uplands and forested wetlands

Notes:

N = Not Listed
T = Threatened
E = Endangered
SSC = Species of Special Concern
T(SA) = Threatened due to similarity in appearance to a federally listed species
F.A.C. = Florida Administrative Code

Source:

FNAI, FNAI Search, 2001
FNAI, FNAI Tracking List, 2008
Nature Serve Explorer, 2008
SERPIN, 2008