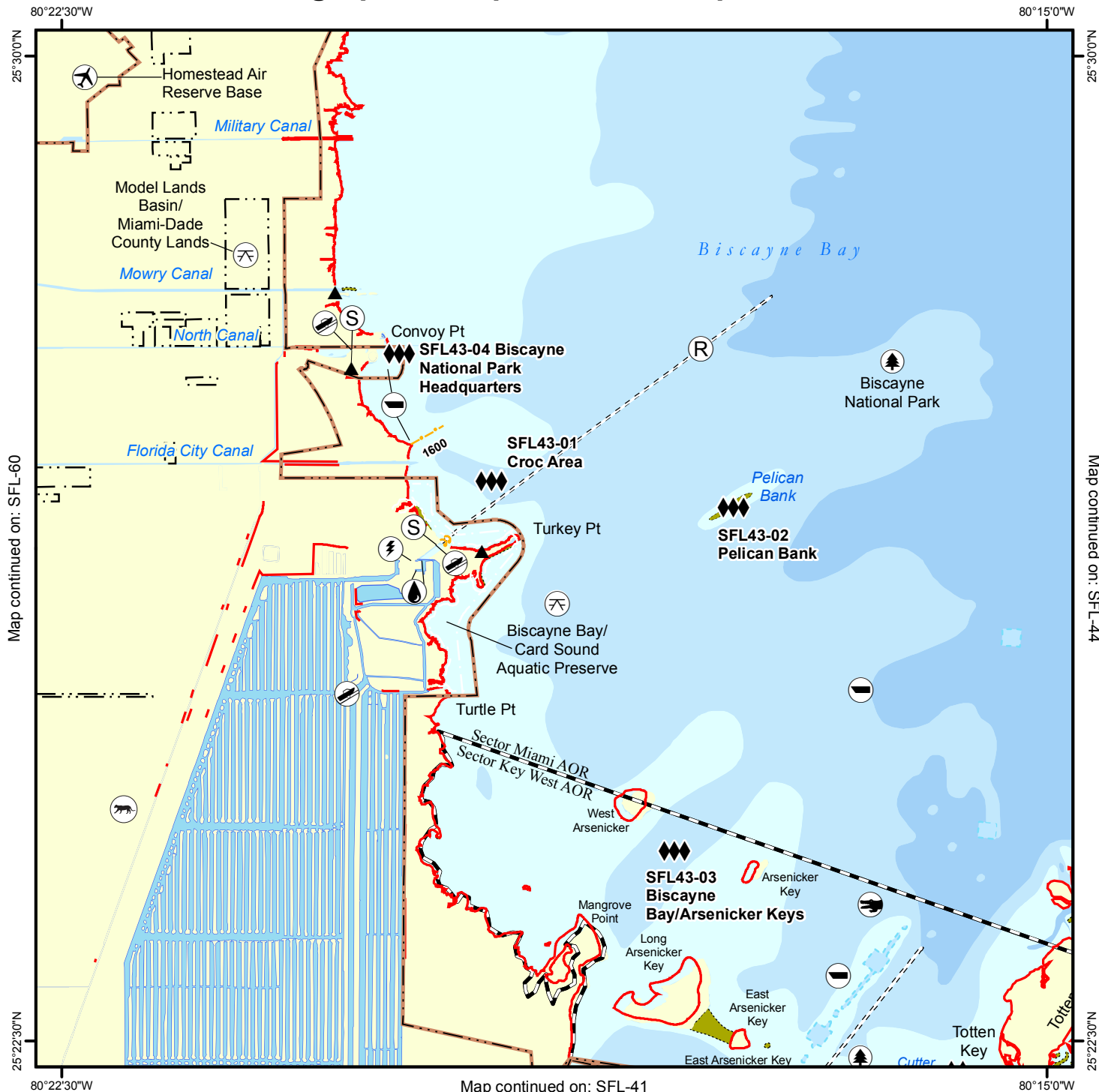


# Geographic Response Plan Map: SFL-43



Map continued on: SFL-60

Map continued on: SFL-44

25°22'30\"/>

25°22'30\"/>

Map continued on: SFL-41

### Environmentally Sensitive Areas

#### Summer Protection Priority

- ◆◆◆ A - Protect First
- ◆◆ B - Protect after A Areas
- ◆ C - Protect after B Areas

#### Acropora Priority Sites

- ◆ A - Protect First
- ◆ B - Protect after A Areas

#### Response Methods

- ☪ Skimmer
- ☪ Shallow Water Skimmer
- ☪ Collection Point
- ☪ General Booming Strategy (Length in Feet)
- ☪ Incident Command Post
- ☪ Staging Areas
- ☪ Oil Spill Risk Sites
- ☪ Equipment Storage Locations
- ☪ Tidal Inlet Protection Strategy

### Bio-Socioeconomic

- ☪ Beach Access
- ☪ Airport
- ☪ American Crocodile
- ☪ Aquaculture
- ☪ Aquatic Preserve/State Park
- ☪ High Recreation Beach
- ☪ Boat Ramp
- ☪ Cape Sable Seaside Sparrow
- ☪ Coast Guard
- ☪ Coral Reef Monitoring Site
- ☪ Everglades Snail Kite
- ☪ Florida Panther
- ☪ Heliport
- ☪ Historical Site
- ☪ Seagrass
- ☪ Manatee
- ☪ Marina
- ☪ Marine Sanctuary
- ☪ National Park
- ☪ Piping Plover
- ☪ Power Plant
- ☪ Sea Turtle Nesting Area
- ☪ Smalltooth Sawfish
- ☪ Water Intake
- ☪ Wildlife Refuge

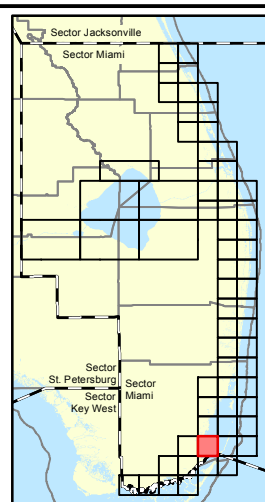
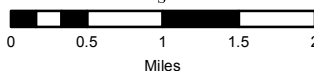
- ☪ Mangroves
- ☪ Sea Turtle Nesting Beach
- ☪ Federal Managed Areas
- ☪ State Managed Areas
- ☪ State Waters/County Line
- ☪ USCG Sector Boundary



SE Florida Area Committee



Fish and Wildlife Research Institute



**Name:** Croc Area

**Site ID:** SFL43-01

**Protection Priority (Season):** Spring:  A Summer:  A Fall:  A Winter:  A

**Site Description:**

**GEOSPATIAL INFORMATION**

<b>Latitude (DMS):</b> 25° 26' 46.005"	<b>Longitude (DMS):</b> 80° 19' 13.651"	<b>County:</b> Miami-Dade
<b>Latitude (DD):</b> 25.44611258	<b>Longitude (DD):</b> -80.32045847	<b>SCAT Division:</b> Miami-Dade County Division 1
<b>ESI Map:</b> SFL-43	<b>ESI Name:</b> Arsenicker Keys, Fla.	
<b>NOAA Chart:</b> 11462_1	<b>CHART Name:</b> FOWEY ROCKS TO ALLIGATOR REEF	
<b>USGS Quad:</b> 25080-D3	<b>QUAD Name:</b> Arsenicker Keys	

**Managed Area (if applicable):** Biscayne National Park

**General Location:**

**CONTACT INFORMATION**

**Contacts:** FL State Watch Office 800-320-0519; NRC 800-424-8802; Biscayne Bay Aquatic Preserve (Resource Manager) 305-795-3486; Biscayne National Park (Park Superintendent) 305-230-1144 NOAA-SSC (USCG District 7) 305-530-7925(o) 954-684-8486(c) 206-526-4911(24hr); DOI - Regional Environmental Officer 404-331-4524 or 617-223-8565; DEP-OER 561-393-5877

**RESOURCES AT RISK INFORMATION**

**Shoreline Type:** Mangrove

**Habitat:** Turkey Point Channel

**Wildlife:** Crocodiles

**Threaten/Endangered Species:** Crocodile, Manatee, Sea Turtles

**Socio-Economic Resources:**

**RESPONSE CONSIDERATIONS**

**Staging Area:** Turkey Point Power Plant Service Ramp - Barge Basin, Homestead Bayfront Park

**Collection Points:** Turkey Point, open water recovery with shallow water skimmers

**Area Access:** boat

**Spill Risk:**

**Response Resources:** SWS

**PROTECTION STRATEGY INFORMATION**

<b>Tidal Range (FT):</b>	<b>Average Current (KTS):</b>	<b>Ease of Protection:</b>
<b>Min. Boom Length (FT):</b> 1500	<b>Boom Type:</b>	<b>Booming Method:</b> Deflection

**Protection Strategy:** Divert away from croc area to a collection point and recover with skimmer.



Name: Pelican Bank

Site ID:

SFL43-02

Protection Priority (Season): Spring:  Summer:  Fall:  Winter:

Site Description:

**GEOSPATIAL INFORMATION**

Latitude (DMS): 25° 26' 33.893"

Longitude (DMS): 80° 17' 23.248"

County: Miami-Dade

Latitude (DD): 25.44274811

Longitude (DD): -80.28979101

SCAT Division: Miami-Dade County Division 1

ESI Map: SFL-43

ESI Name: Arsenicker Keys, Fla.

NOAA Chart: 11462\_1

CHART Name: FOWEY ROCKS TO ALLIGATOR REEF

USGS Quad: 25080-D3

QUAD Name: Arsenicker Keys

Managed Area (if applicable): Biscayne National Park

General Location:

**CONTACT INFORMATION**

Contacts: FL State Watch Office 800-320-0519; NRC 800-424-8802; Biscayne Bay Aquatic Preserve (Resource Manager) 305-795-3486; Biscayne National Park (Park Superintendent) 305-230-1144; FWC Non-Game Biologist 561-625-5122; USFWS 772-562-3909 NOAA-SSC (USCG District 7) 305-530-7925(o) 954-684-8486(c) 206-526-4911(24hr); DOI - Regional Environmental Officer 404-331-4524 or 617-223-8565; DEP-OER 561-393-5877

**RESOURCES AT RISK INFORMATION**

Shoreline Type: Mangroves

Habitat: Seagrass, Mangroves

Wildlife: Seagrass, wading birds, mangroves, sharks, diving birds, sawfish, least tern nest

Threaten/Endangered Species: Crocs, Manatees, swimming sea turtles

Socio-Economic Resources:

**RESPONSE CONSIDERATIONS**

Staging Area: Turkey Point Power Plant Service Ramp - Barge Basin, Homestead Bayfront Park

Collection Points: Turkey Point, open water recovery with shallow water skimmers

Area Access: boat (shallow draft)

Spill Risk: Turkey Point Channel

Response Resources: FPL Turkey Point Plant 5 staff members, Contact Gary Andersen - (305)242-3826 (w), (305)793-5975(cell) 1500ft Disk skimmer, 800ft skim pac (2)

**PROTECTION STRATEGY INFORMATION**

Tidal Range (FT):

Average Current (KTS):

Ease of Protection:

Min. Boom Length (FT): 12000

Boom Type:

Booming Method: Containment, Protection/Exclusion

Protection Strategy: Protect Arsenicker Keys with 10,000' of shallow water Texas Boom. Use two shallow water skimming systems consisting of 1000' of shallow water containment boom. Use open water skimming system to recover the oil as far off shore as possible. Minimum resources needed for on water recovery: 2 shallow water skimmers. 5000' exclusion boom, size and type to be determined by location of spill and weather conditions to include wind and sea state. Response strategy to be based on over flight observations and trajectory modeling if available. Availability of collection/deflection booms and weather/tidal conditions will affect tactics and resource protection strategies. Protection will be focused on choke points to prevent contamination of sensitive areas. Near shore, consider sorbent boom or snare boom deployed by shallow water vessels to protect sensitive shorelines. In-situ burning may be a consideration.



Name: Biscayne Bay/Arsenicker Keys

Site ID: SFL43-03

Protection Priority (Season): Spring:  Summer:  Fall:  Winter:

Site Description:

**GEOSPATIAL INFORMATION**

Latitude (DMS): 25° 23' 38.000" Longitude (DMS): 80° 17' 52.001" County: Miami-Dade  
 Latitude (DD): 25.39388898 Longitude (DD): -80.29777799 SCAT Division: Miami-Dade County Division 1  
 ESI Map: S.FL-43 ESI Name: ARSENICKER KEYS, FLA.  
 NOAA Chart 11463\_1 CHART Name SANDS KEY TO BLACKWATER SOUND  
 USGS Quad: 25080-D3 QUAD Name: Arsenicker Keys

Managed Area (if applicable): Biscayne National Park; Biscayne Bay/Card Sound Aquatic Preserve

General Location:

**CONTACT INFORMATION**

Contacts: FL State Watch Office 800-320-0519; NRC 800-424-8802; Everglades/Biscayne Dispatch 305-242-7740; FWC Non-Game Biologist 561-625-5122 NOAA-SSC (USCG District 7) 305-530-7925(o) 954-684-8486(c) 206-526-4911(24hr); DOI - Regional Environmental Officer 404-331-4524 or 617-223-8565; DEP-OER 561-393-5877

**RESOURCES AT RISK INFORMATION**

Shoreline Type:

Habitat: Mangroves, Seagrass

Wildlife: Mangroves, Seagrass, Wading birds rookeries, Raptors

Threaten/Endangered Species: Bald eagle

Socio-Economic Resources:

**RESPONSE CONSIDERATIONS**

Staging Area Turkey Point Power Plant Service Ramp - Barge Basin

Collection Points: Open water Collection/Recovery (skimming)

Area Access: boat (shallow draft)

Spill Risk:

Response Resources:

**PROTECTION STRATEGY INFORMATION**

Tidal Range (FT): Average Current (KTS): Ease of Protection:  
 Min. Boom Length (FT): 12,000 Boom Type: Booming Method: Containment, Protection/Exclusion

Protection Strategy: Protect Arsenicker Keys with 10,000' of shallow water boom. Use two shallow water skimming systems consisting of 1000' of shallow water containment boom. Use open water skimming system to recover the oil as far off shore as possible. Minimum resources needed for on water recovery: 2 shallow water skimmers. 5,000' deflection boom, size and type to be determined by location of spill and weather conditions to include wind and sea state. Response strategy to be based on over flight observations and trajectory modeling if available. Availability of collection/deflection booms and weather/tidal conditions will affect tactics and resource protection strategies. Protection will be focused on choke points to prevent contamination of sensitive areas. Near shore, consider sorbent boom or snare boom deployed by shallow water vessels to protect sensitive shorelines. In-situ burning may be a consideration.



Name: Biscayne National Park Headquarters

Site ID:

SFL43-04

Protection Priority (Season): Spring:  Summer:  Fall:  Winter:

Site Description:

**GEOSPATIAL INFORMATION**

Latitude (DMS): 25° 27' 49.268"

Longitude (DMS): 80° 20' 5.052" W

County: Miami-Dade

Latitude (DD): 25.46368552

Longitude (DD): -80.33473678

SCAT Division: Miami-Dade County Division 1

ESI Map: SFL-43

ESI Name: Arsenicker Keys, Fla.

NOAA Chart: 11462\_1

CHART Name: FOWEY ROCKS TO ALLIGATOR REEF

USGS Quad: 25080-D3

QUAD Name: Arsenicker Keys

Managed Area (if applicable): Biscayne National Park

General Location:

**CONTACT INFORMATION**

Contacts: FL State Watch Office 800-320-0519; NRC 800-424-8802; Biscayne National Park (Park Superintendent) 305-230-1144 x 024  
NOAA-SSC (USCG District 7) 305-530-7925(o) 954-684-8486(c) 206-526-4911(24hr); DOI - Regional Environmental Officer 404-909-0537, 404-331-4524, 215-266-5155 (24hrs) or 617-223-8565; DEP-OER 561-393-5877

**RESOURCES AT RISK INFORMATION**

Shoreline Type: Scrub-shrub wetlands; Sheltered, man-made structures; Sheltered riprap; Vegetated low banks

Habitat: Seagrass

Wildlife: Manatees, wading birds, crocodile, sea turtles

Threaten/Endangered Species: Manatees, sea turtles, crocodiles

Socio-Economic Resources:

**RESPONSE CONSIDERATIONS**

Staging Area: Homestead Bayfront Park

Collection Points: Homestead Bayfront Park, on-water recovery with shallow water skimmers

Area Access: boat/Vehicle

Spill Risk:

Response Resources:

**PROTECTION STRATEGY INFORMATION**

Tidal Range (FT):

Average Current (KTS):

Ease of Protection:

Min. Boom Length (FT):

Boom Type:

Booming Method: N/A

Protection Strategy: Shallow-water skimming



Facility Name: Homestead Bayfront Park

Site ID: MI00141FL

Data Collector (Agency): County

Survey Type: Planning

Survey Date: 7/29/2010

Managing Agency: Miami-Dade County

General Manager/Contact Person:

Contact Phone #: (305) 230 - 3033

SCAT Description: Miami-Dade County Division 1

Physical Address: 9698 SW 328th St

City: Homestead

State: Florida

Zip Code: 33033

County: Miami-Dade

## GEOSPATIAL INFORMATION

Latitude (DMS): 25° 27' 44.786" N

Longitude (DMS): 80° 20' 17.128" W

Latitude (DD): 25.46244058

Longitude (DD): -80.33809098

## SITE DESCRIPTION

Site Type: Staging; Boat Ramp

Access: Public

Operational Status:

Scale of Staging Area:

Hours of Operation: 24 Hours

Days of Operation:

Water Type: Salt

Water Body Name: Biscayne Bay

Boat Launch Capability: Yes

Number of Boat Ramps: 1

Number of Boat Ramp Lanes: 10

Number of Boat Slips: 0

Number of Moorings: 0

Boat Ramp Surface Composition: Poured in Place Concrete

Water Depth at End of Boat Ramp: 6 feet

Wave Energy at Site:

Shoreline Type in Viewable Viscinity: null

Access Constraints:

Crane Capabilities:

Collection Point Capabilities:

Parking Capacity for Trailers: 56

Parking Capacity for Cars: 167

Parking Lot Dimensions:

Parking Surface: Asphalt

Capable for Light or Heavy Equipment and Type: No

Boom Available On-Site and Length:

## ADDITIONAL AMMENITIES

Fuels Available: Diesel and Gasoline

Propane or Natural Gas Available

Water Available: No

Fire Hydrant: No

Pumpout Available: No

Bathrooms Available: Restroom Facilities

Electricity Amperage Available:

Camping Facilities: No Camping

Food Available: No Food

Security Available and Hours On Duty: No

## GENERAL INFORMATION AND COMMENTS

Special/Pre-Planned Events and Dates:

Comments: Sunrise-sunset. Handicap trailer parking (2 spaces) &amp; restrooms.

Photo URL: [http://ocean.floridamarine.org/waterphotos/ramp\\_photos/photo\\_id/3218/index.htm](http://ocean.floridamarine.org/waterphotos/ramp_photos/photo_id/3218/index.htm)

**Facility Name:** Turkey Point Power Plant Service Ramp - Barge Basin

**Site ID:**

**MI44062JS**

**Data Collector (Agency):** FWC-FWRI

**Survey Type:** Planning

**Survey Date:**

**Managing Agency:** Florida Power and Light Corporation

**General Manager/Contact Person:**

**Contact Phone #:**

**SCAT Description:** Miami-Dade County Division 1

**Physical Address:**

**City:**

**State:** Florida

**Zip Code:**

**County:** Miami-Dade

**GEOSPATIAL INFORMATION**

**Latitude (DMS):** 25° 26' 18.762" N

**Longitude (DMS):** 80° 19' 39.429" W

**Latitude (DD):** 25.43854503

**Longitude (DD):** -80.32761922

**SITE DESCRIPTION**

**Site Type:** Boat Ramp

**Access:** Private

**Operational Status:**

**Scale of Staging Area:**

**Hours of Operation:**

**Days of Operation:**

**Water Type:** Salt

**Water Body Name:** Biscayne Bay

**Boat Launch Capability:** Yes

**Number of Boat Ramps:** 1

**Number of Boat Ramp Lanes:** 2

**Number of Boat Slips:** 0

**Number of Moorings:** 0

**Boat Ramp Surface Composition:** Poured in place concrete

**Water Depth at End of Boat Ramp:**

**Wave Energy at Site:**

**Shoreline Type in Viewable Viscinity:**

**Access Constraints:**

**Crane Capabilities:**

**Collection Point Capabilities:**

**Parking Capacity for Trailers:** 0

**Parking Capacity for Cars:** 0

**Parking Lot Dimensions:**

**Parking Surface:** Concrete

**Capable for Light or Heavy Equipment and Type:**

**Boom Available On-Site and Length:**

**ADDITIONAL AMMENITIES**

**Fuels Available:**

**Propane or Natural Gas Available**

**Water Available:**

**Fire Hydrant:**

**Pumpout Available:**

**Bathrooms Available:**

**Electricity Amperage Available:**

**Camping Facilities:**

**Food Available:**

**Security Available and Hours On Duty:**

**GENERAL INFORMATION AND COMMENTS**

**Special/Pre-Planned Events and Dates:**

**Comments:**

**Photo URL:**



**Name:** Turkey Point Channel (area)**Site ID:**

MIA-R1

**Site Description:** Turkey Point barge runs regularly and has been known to have groundings, potentially causing spills. Fuel barges are double-hulled and traveling at slow speeds through narrow channel/canal.**GEOSPATIAL INFORMATION****Latitude (DMS):** 25° 26' 24.071" N**Longitude (DMS):** 80° 19' 4.019" W**Latitude (DD):** 25.44001971**Longitude (DD):** -80.31778299**Physical Address:** 9760 SW 344th St.**City:** Miami**State:** Florida**Zip Code** 33035**County:** Miami-Dade**CONTACT INFORMATION****Contacts:** FL State Watch Office (800) 320-0519; Cliff Berry, Inc. 800-899-7745 (24hr); FDEP 561-393-5877 (w) or 954-658-4506 (24hr); Biscayne National Park (Superintendent( 305-247-2044; FWC Non-Game Biologist 561-625-5122 Allison Palmer 2 /Amanda Bourque 1- Bisc NP (305)-230-1144 X3081 (1) X3020 (2); Amanda\_bourque@nps.gov/allison\_palmer@nps.gov**RISK INFORMATION****Facility Type:** Waterway to Nuclear/Fossil Fuel Power Plant**Types of Oil:** Heavy fuel.**Most Probable Risk** Portable Deck tanks are knocked overboard (50-150 gals).**Maximum Risk:** Tug grounds and punctures fuel tank.**Worst Case Discharge:** 1000-5000 gals of diesel.