



Crystal River Nuclear Plant
Docket No. 50-302
Operating License No. DPR-72

January 25, 2001
3F0101-08

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555-0001

Subject: Environmental Protection Plan Report

Dear Sir:

The National Marine Fisheries Service (NMFS), Nuclear Regulatory Commission (NRC), and the Crystal River Energy Complex (CREC) completed an Endangered Species Act Section 7 consultation in 1999. In the Biological Opinion, the NMFS requested Florida Power Corporation to provide an annual sea turtle report for the CREC. The attached report provides this information for the year ending December 31, 2000.

If you have any questions regarding this submittal, please contact Mr. Sid Powell, Supervisor, Licensing and Regulatory Programs at (352) 563-4883.

Sincerely,

A handwritten signature in cursive script that reads 'SL Bernhoft'.

S. L. Bernhoft
Manager, Regulatory Affairs

SLB/smg

Attachment

xc: NRR Project Manager
Regional Administrator, Region II
Senior Resident Inspector

B/3



Crystal River Nuclear Plant
Docket No 50-302
Operating License No DPR-72

January 25, 2001
LRP01-0004

U.S. National Marine Fisheries Service
South East Regional Office
9721 Executive Center Dr, Suite 102
St. Petersburg, FL 33707

Subject: Annual Sea Turtle Report

Dear Sir:

The National Marine Fisheries Service (NMFS), Nuclear Regulatory Commission (NRC), and the Crystal River Energy Complex (CREC) completed an Endangered Species Act Section 7 consultation in 1999. In the Biological Opinion, NMFS requested Florida Power Corporation to provide an annual sea turtle report for the CREC. The attached report provides this information for the year ending December 31, 2000.

The number of sea turtles at the CREC for the 1999-2000 biennial period were below the NMFS estimates (see attached listing.) The next biennial period will occur from January 1, 2001 through December 31, 2002.

If you have any questions regarding this submittal, please contact Mr. Sid Powell, Supervisor, Licensing and Regulatory Programs at (352) 563-4883.

Sincerely,

In 2000 46% in Apr May 27
SL Bernhoft projected for 2001 = 50
54% of X = 27

S.L. Bernhoft
Manager, Regulatory Affairs

SLB/smg

Attachment

cc: Allen Foley, FWC

*Estimated 50 every 2 years
2 calendar y*
To date 2000 - 1913 Live NCR C
2001 - 28 27
47 40

35%
in Apr
46%
APR
Ma

17
1.5
33

(50)
14
19
14
2
4

Total
NCR
CR

|||||
|||||
|

|||||
6
1

CRYSTAL RIVER ENERGY COMPLEX
SEA TURTLE RESCUE AND RECOVERY SUMMARY
2000

13

| Date | Species | *Size | FPC No. | Comments |
|----------|---|-------|-----------|---|
| 1/27/00 | Green turtle <i>Chelonia mydas</i> | 24 | 00CR3-001 | Captured live and released |
| 2/25/00 | Kemp's ridley <i>Lepidochelys kempii</i> | 26.4 | 00CR3-002 | Captured live and released. |
| 3/26/00 | Loggerhead Turtle <i>Caretta caretta</i> | N/A | 00CR3-003 | Captured live. Severe trauma from apparent boat strike. Died after rescue. Counted as a live capture (subsequent mortality was non-causally related). |
| 6/26/00 | Green turtle <i>Chelonia mydas</i> | N/A | 00CR3-004 | Floating carcass. Apparent boat strike. Non-causally related mortality. |
| 7/19/00 | Green turtle <i>Chelonia mydas</i> | 50 | 00CR3-005 | Captured live. Fibropapilloma. fishing line around flipper, neck, in mouth. Carapace crack. Transferred to Clearwater Marine Aquarium. |
| 9/19/00 | Kemp's ridley <i>Lepidochelys kempii</i> | 28 | 00CR3-006 | Captured live with old injuries from apparent boat strike. Transferred to Clearwater Marine Aquarium. |
| 10/1/00 | Green Turtle <i>Chelonia mydas</i> | 35 | 00CR3-007 | Floating carcass. Fibropapilloma on most fleshy parts, occluding eyes. Non-causally related mortality. |
| 10/15/00 | Kemp's ridley <i>Lepidochelys kempii</i> | 46 | 00CRS-008 | Floating carcass. Apparent boat strike. Non-causally related mortality. |
| 10/16/00 | Kemp's ridley <i>Lepidochelys kempii</i> | 38 | 00CR3-009 | Floating carcass. Apparent boat strike. Non-causally related mortality. |
| 10/16/00 | Kemp's ridley <i>Lepidochelys kempii</i> | 32 | 00CR3-010 | Captured live and released. |
| 10/19/00 | Kemp's ridley <i>Lepidochelys kempii</i> | 35 | 00CR3-011 | Floating carcass. Apparent boat strike. Non-causally related mortality. |
| 10/21/00 | Kemp's ridley <i>Lepidochelys kempii</i> | 45 | 00CR3-012 | Captured live. Injuries from apparent boat strike. Transferred to Clearwater Marine Aquarium. |

| | | | | |
|----------|---|------|-----------|---|
| 10/30/00 | Green Turtle <i>Chelonia mydas</i> | 34 | 00CR3-013 | Captured live. Injuries from apparent boat strike and heavy fibropapilloma infection. Transferred to Clearwater Marine Aquarium for rehabilitation. |
| 11/6/00 | Unidentified | - | 00CR3-014 | Skeletal remains were recovered from the bar racks. Although Florida Power Corporation could not definitively determine the cause of death given the condition of the carcass, in a conservative manner, Florida Power Corporation categorized the mortality as potentially causally related to plant operations. |
| 11/19/00 | Green Turtle <i>Chelonia mydas</i> | 40 | 00CR3-015 | Captured live. Most fleshy areas covered with fibropapillomas. Transferred to Clearwater Marine Aquarium for rehabilitation. |
| 11/22/00 | Green Turtle <i>Chelonia mydas</i> | 49 | 00CR3-016 | Captured live. Most fleshy areas covered with fibropapillomas. Transferred to Clearwater Marine Aquarium for rehabilitation. |
| 11/28/00 | Hawksbill <i>Eretmochelys imbricata</i> | | 00CR3-017 | Captured live and released. |
| 12/22/00 | Kemp's ridley <i>Lepidochelys kempii</i> | 33 | 00CR3-018 | Captured live and released. |
| 12/24/00 | Kemp's ridley <i>Lepidochelys kempii</i> | 29.8 | 00CR3-019 | Captured live and released. |

* Size is curved carapace length in centimeters

| CRYSTAL RIVER SEA TURTLE PROGRAM | | | |
|----------------------------------|--------------|------------------------|--------------------------------|
| Year | Live Rescues | Non-Causal Mortalities | Potentially Causal Mortalities |
| 1999 | 9 | 0 | 0 |
| 2000 | 13 | 5 | 1 |
| TOTAL | 22 | 5 | 1 |
| NMFS Biennial Estimate | 50 | 8 | 5 |