



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,

S.L. Bernhoft
Manager, Regulatory Affairs

SLB/smg

Attachment

cc: Allen Foley, FWC

Estimated 50 every 2 years
2 calendar
2000 - 1913 5
To date 2001 - 28 27
47 40

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

(50)

4670
APR
Ma

17
1.57
33

14 19
14
2
4

Total NCR CR
 11111 11111 1
 1111 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