



Progress Energy

Docket No 50-302
Operating License No DPR-72

Ref: ITS Appendix B

February 11, 2003
3F0203-03

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

Subject: Crystal River Energy Complex – Environmental Protection Plan Report
2002 Annual Sea Turtle Report

Dear Sir:

The National Marine Fisheries Service (NMFS), Nuclear Regulatory Commission (NRC), and the Crystal River Energy Complex (CREC) completed a reinitiation of consultation subsequent to the Endangered Species Act Section 7 regarding sea turtles at the CREC on August 8, 2002. The Biological Opinion issued by NMFS requested that Progress Energy provide an annual sea turtle report for the CREC by March 1 of each year. The attached report provides this information for the year ending 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,

J. A. Franke
Plant General Manager

JAF/ff

Attachment

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

Progress Energy Florida, Inc
Crystal River Nuclear Plant
15760 W Powerline Street
Crystal River, FL 34428

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Progress Energy

Docket No 50-302
Operating License No DPR-72

February 11, 2003
LRP03-0012

National Marine Fisheries Service
Southeast Regional Office
Attn: Assistant Regional Administrator
Protected Resources Division
9721 Executive Center Drive North
St. Petersburg, FL 33707

Subject: Crystal River Energy Complex – 2002 Annual Sea Turtle Report

Dear Sir:

The National Marine Fisheries Service (NMFS), Nuclear Regulatory Commission (NRC), and the Crystal River Energy Complex (CREC) completed a reinitiation of consultation subsequent to the Endangered Species Act Section 7 regarding sea turtles at the CREC on August 8, 2002. The Biological Opinion issued by NMFS requested that Progress Energy provide an annual sea turtle report for the CREC by March 1 of each year. The attached report provides this information for the year ending 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,

J. A. Franke
Plant General Manager

JAF/ff

Attachment

cc: Allen Foley, FWC

PROGRESS ENERGY FLORIDA, INC.

DOCKET NUMBER 50 - 302 / LICENSE NUMBER DPR - 72

ATTACHMENT

CRYSTAL RIVER ENERGY COMPLEX

SEA TURTLE RESCUE AND RECOVERY SUMMARY

2002

**CRYSTAL RIVER ENERGY COMPLEX
SEA TURTLE RESCUE AND RECOVERY SUMMARY
2002**

Date	Species	*Size	CREC No.	Comments
01/05/02	Loggerhead <i>Caretta caretta</i>	82.8	02CR3-001	Live, healthy, tagged and released in Crystal Bay.
01/08/02	Kemp's ridley <i>Lepidochelys kempii</i>	31.5	02CR3-002	Live, healthy, tagged and released at Fort Island Beach.
02/17/02	Kemp's ridley <i>Lepidochelys kempii</i>	~ 28	02CR3-003	Live, cuts in carapace from boat strike, bleeding. Transferred to Clearwater Marine Aquarium for treatment and rehabilitation.
03/01/02	Green turtle <i>Chelonia mydas</i>	39.7	02CR3-004	Live, some fibropapillomas, otherwise healthy. Tagged and released in Crystal Bay.
03/07/02	Green turtle <i>Chelonia mydas</i>	38.5	02CR3-005	Live, evidence of beginning papillomas, otherwise healthy. Tagged and released in Crystal Bay.
03/07/02	Green turtle <i>Chelonia mydas</i>	35.4	02CR3-006	Live, healthy, tagged and released in Crystal Bay.
03/19/02	Green turtle <i>Chelonia mydas</i>	40.6	02CR3-007	Died after rescue. Necropsy reports severe, chronic, organ tissue pathology. Non-causal mortality.
04/01/02	Kemp's ridley <i>Lepidochelys kempii</i>	30.8	02CR3-008	Live, healthy, tagged and released at Fort Island Beach.
04/01/02	Kemp's ridley <i>Lepidochelys kempii</i>	~42	02CR3-009	Died after rescue, detailed necropsy at UF, results indicate severe, chronic disease. Non-causal mortality.
05/11/02	Kemp's ridley <i>Lepidochelys kempii</i>	~35	02CR3-010	Found dead on bar racks. Moderately decomposed. Considered non-causal mortality.
05/19/02	Green turtle <i>Chelonia mydas</i>	~30	02CR3-011	Live, severe buoyancy problems. Transferred to Clearwater Marine Aquarium for treatment and rehabilitation.

05/28/02	Green turtle <i>Chelonia mydas</i>	~35	02CR3-012	Live, extensive fibropapillomas, transferred to Clearwater Marine Aquarium for treatment and rehabilitation.
05/30/02	Kemp's ridley <i>Lepidochelys kempii</i>	~35	02CR3-013	Live, severely emaciated. As the turtle died while awaiting transfer to Clearwater Marine Aquarium, it was designated a live take, and not a non-causal mortality.
07/18/02	Green turtle <i>Chelonia mydas</i>	~33	02CR3-014	Live, extensive fibropapillomas, transferred to Clearwater Marine Aquarium for treatment and rehabilitation.
08/01/02	Kemp's ridley <i>Lepidochelys kempii</i>	32.5	02CR3-015	Found dead on bar racks. Severely cracked carapace and scutes dislocated – boat strike, non-causal mortality.
08/20/02	Kemp's ridley <i>Lepidochelys kempii</i>	~60	02CR3-016	Live, some abrasions and discolored flesh. Taken to Clearwater Marine Aquarium for treatment and rehabilitation.
09/10/02	Kemp's ridley <i>Lepidochelys kempii</i>	~32	02CR3-017	Live, appeared lethargic and weak. Transferred to Clearwater Marine Aquarium for treatment and rehabilitation.
09/19/02	Green turtle <i>Chelonia mydas</i>	~32	02CR3-018	Live, extensive fibropapillomas, transferred to Clearwater Marine Aquarium for treatment and rehabilitation.
10/19/02	Green turtle <i>Chelonia mydas</i>	~32	02CR3-019	Live, extensive fibropapillomas, very weak, transferred to Clearwater Marine Aquarium for treatment and rehabilitation.
10/24/02	Green turtle <i>Chelonia mydas</i>	~40	02CR3-020	Reported alive when recovered, dead on arrival at Mariculture Center, treated as comatose for resuscitation, but confirmed dead @ 0840 10/24. Extensive fibropapilloma infestation, emaciated. Considered causal mortality. Carcass saved for research purposes.
11/01/02	Loggerhead <i>Caretta caretta</i>	~90	02CR3-021	Live turtle found stranded on bank in SE corner of intake canal. Significant necrotic tissue, crack in plastron. Transferred to Clearwater Marine Aquarium for treatment and rehabilitation.
11/02/02	Green turtle <i>Chelonia mydas</i>	~35	02CR3-022	Live, extensive fibropapillomas, very weak, severely emaciated. Transferred to Clearwater Marine Aquarium for treatment and rehabilitation.
11/22/02	Green turtle <i>Chelonia mydas</i>	~38	02CR3-023	Live, extensive fibropapillomas. Transferred to Clearwater Marine Aquarium for treatment and rehabilitation.
11/24/02	Green turtle <i>Chelonia mydas</i>	~30	02CR3-024	Live, extensive fibropapillomas, buoyancy difficulties. Transferred to Clearwater Marine Aquarium for treatment and rehabilitation.

12/08/02	Green turtle <i>Chelonia mydas</i>	~40	02CR3-025	Live, significant buoyancy difficulties. Transferred to Clearwater Marine Aquarium for treatment and rehabilitation.
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* Size is curved carapace length in centimeters.

YEAR	LIVE RESCUES	NON-PLANT MORTALITIES	PLANT-RELATED MORTALITIES
2002	20	4	1