

From: Michael Masnik > NRP
To: Barry Zalcman
Date: 5/14/01 10:36AM
Subject: Meeting at Crystal River

Successful meeting at Crystal River. Met with licensee early on Wednesday. Raul, resident (Steven Sanchez) and PM present for site tour. Looked at intake, discharge, turtle rescue program, hatchery, and fish rearing ponds. Took pictures. After tour met with rest of licensee folks and Bob Hoffman from NMFS. Guys from CPL present. General agreement that licensee doing everything they can, acceptable mortality rates, no redesign of program or structures needed. NMFS agreed that they would propose in the BO that there would only be a limit on casually related (CR) mortality. No limit on live takes, no limit on non-casually related mortality takes, only reporting requirement is a 30 day written report on CR mortality takes and an annual report. Also notification of State of sick or injured turtles immediately/promptly. Hoffman is going to ask the licensee to do some satellite tracking of turtles in the Recommendations section of BO. Licensee will be forwarding a draft BA soon. Talked to John Goshen the PM suggesting that we change the Appendix B (evidently they still have App. B Tech Specs) tech spec to limit the reporting requirements accordingly. No discussion on the current reporting requirements that evidently have already been put in place. No discussion on Hatch SNS.

CC: CSS3; JHW1; John Goshen; KXC1; Raul Hernandez-Figueroa

B/S



**Crystal River Energy Complex
Sea Turtle Incidental Take Re-consultation
Site Visit - May 9, 2001**

AGENDA

- **Welcome, Introductions, Objectives**
- **Review of Plant Layout/Systems**
- **Major Events and Actions Taken**
- **Historical Perspective**
- **Sea Turtle Activity During 2001**
- **Supplement to the Biological Assessment**
- **Discussion/Feedback**

Monday 9:

Sunday

1:00 → 1:30

Visitors Center
Give Sarah's #

1. Continue implementation of Sea Turtle Rescues
 & Handling @ Camps require review by FDEP, NMF, (USFWS) and notification of NRC of change
 2. All sea turtle taking recorded by species, size, sex, date, condition, disposition
 - location of take, permit number
 Data Tabulated & provided in annual report - same as CNR monitor or upon written request

3. Required to a 30 day written report on CR mortality or injured turtles
4. Notification of State rep immediately of sick or injured turtles
5. Limit on CR mortality takes by species that if limit is > 1 from with requirement of NRC, if > 1 from prompt notification of NRC when $> 50\%$ of prompt notification of NRC exceeded limit, from prompt notification of all subsequent takes

	<u>Total</u>	<u>Live</u>	<u>NCR</u>	<u>CR</u>
CY 2000	19	13	5	1
CY 2001	<u>28</u>	<u>27</u>	<u>3</u>	<u>1</u>
	47	40	5	2
	" -	32		

Total Captures 1998 = (40 live 13 dead) = 53 Total
 Total Captures Jan → Mar = 25
 % of total = 47%
 Total captures Apr → Aug = 28
 % of total = 53%

Total Captured Jan → Mar 2001 = 28

$$47\% x = 28$$

$$x = \frac{28}{.47}$$

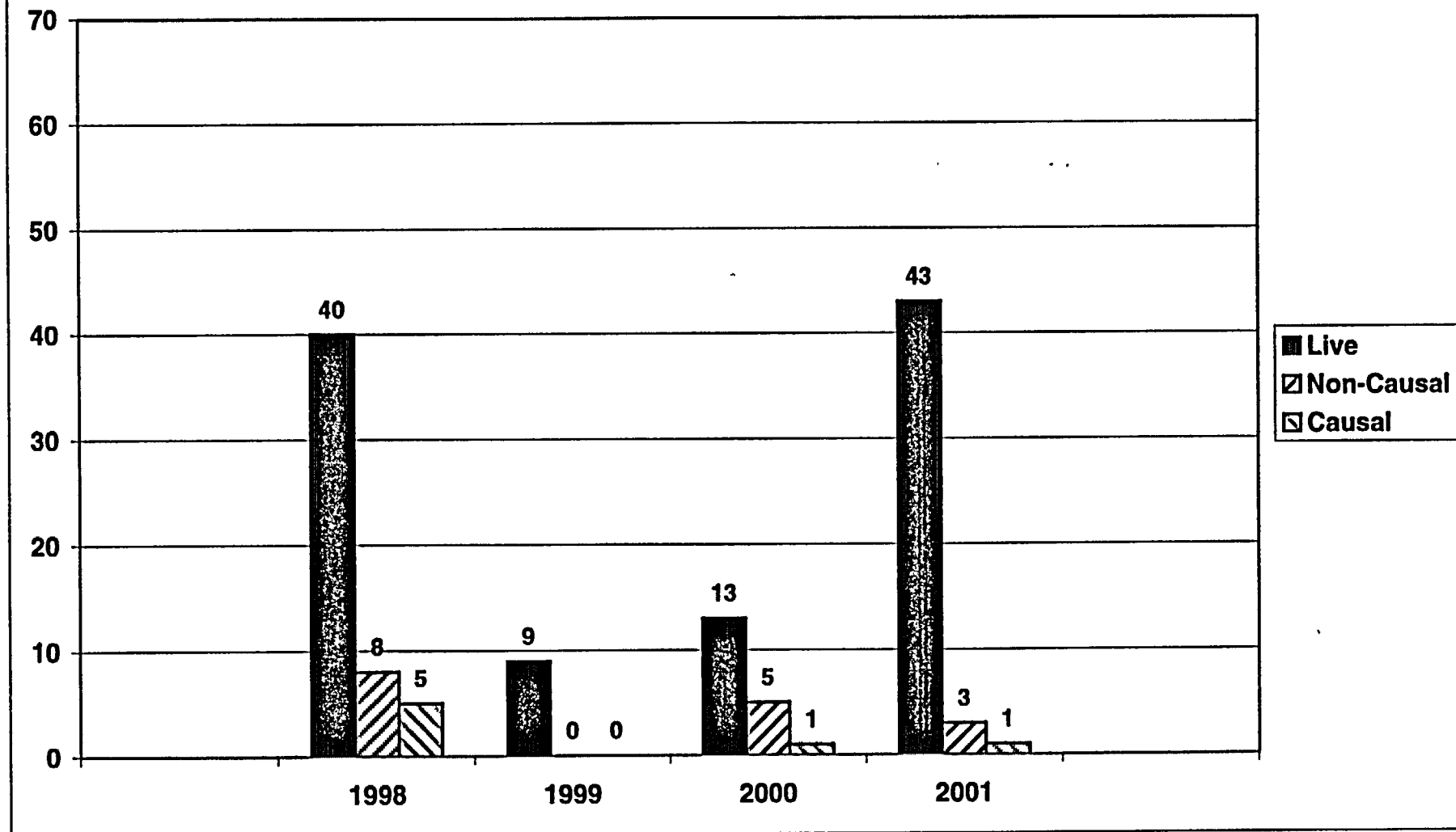
Total projected for 2001 x = 59

Licenses to update BA

Sherry Burnoff
 Dave ~~Brubaker~~ Biologist Drusek
 Jerry Pain
 Alex Glen - Lawyer

9, 2001

Crystal River Energy Complex Turtle Strandings



9 May 02

Cherry Bernhart Reg Affairs
Dave Bruzek
Bob ~~Ber~~ Hoffman

Helgen cooking towers
Intake canal 7 miles 30 ft
long
Double diked 4 miles out

Original Bio Assessment
1998 ~~was~~ increase in turtles
94-98 8 turtles
one Hawksbill

40 turtles
98-99 Lemps
see Greens tanks
see Berger tanks
Ratio of species
Population estimate
Other points?
28-32 cm Lemps

24 hr watch
Rescue Reqs, ~~tests~~
~~Rehabilitate~~
Barn Rack cleaning & processing

Papalouma Virus
(1) Green
(2) Loggershead

not on Lemps

Limit on reported mortality
No limit on live takes
No notification on live takes
No notification on related mortality
Only reporting on 30 day rept
Notification of State of Sick or injured promptly notify
Annual report on takings to NMFS
Substrate Tracking of Turtles