

From: Stephen Weege [steveweege@yahoo.com]  
Sent: Tuesday, November 30, 2010 4:32 PM  
To: Meghan Koperski; Mike Bresette; Dave Clark; Ken Frehafer; Jodie Gless;  
Bob Hoffman; Ed Hollowell; RidsNrrDlr Resource; Vince Munne; Dave Niebch; Shelley Norton  
Subject: Nov 2010 FPL Marine Turtle Removal Monthly Report  
Attachments: November 2010 Marine Turtle Captures.rtf; Monthly Report Notes 2010.xls;  
FPL St. Lucie Capture Summary 2010.xls

Dear Meghan,

Attached, please find the monthly summary of marine turtle removals for November 2010. In November, we captured nine (9) *Caretta caretta* and fourteen (14) *Chelonia mydas* in the intake canal of the St. Lucie power plant on Hutchinson Island. During the month there were three turtles transported to rehabilitation facilities.

On November 20th, a juvenile green turtle was hand captured in the intake canal with a fracture of the skull. The wound was fresh and appeared to be caused from entrainment into the plant. The animal was transported to the Marinelife Center in Juno Beach by IRG staff after consultation with personnel from the Florida Fish & Wildlife Conservation Commission (FWC). The preliminary determination by Inwater Research Group (IRG) staff was that this injury was causal to power plant operations. Dr Nancy Mettee, DVM later confirmed this to be a causal injury. As of November 30th, the turtle seems to be doing well with no signs of brain disease. The prognosis is good that this turtle may be released at some future date.

On November 21st, a sub-adult loggerhead was captured in the north net with a boat related injury. This turtle had a large prop wound in the middle of the carapace, which was beginning to heal. Additionally, the animal's rear flippers were paralyzed. The animal was transported to the Marinelife Center by IRG staff after consultation with personnel from FWC. This was determined to be a non-causal event, unrelated to power plant operations.

On November 30th, a juvenile green turtle was removed from the 5-inch barrier net. The turtle was underweight and lethargic and had multiple large papillomas. This animal was in poor condition and was transferred to the Clearwater Aquarium by FWC for rehabilitation. This incident was not causal to power plant operations.

Throughout the month of November the temporary barrier net experienced light loads of algae and jellyfish that entered into the intake canal. This temporary barrier has effectively kept turtles from moving further down the canal. A permanent fix to this net is

expected in 2011.

The tag numbers and morphometric data for all the turtles are attached. Also attached is the spreadsheet of all captures, mortalities, injuries, and causal events delineated by species and month/year to date for 2010. This spreadsheet also tracks fresh scrapes incurred on captured turtles for the current month, as well as the entire year.

Please feel free to contact me with any questions.

Sincerely,

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FPL St. Lucie Capture Sumary 2010.xls	228416		

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