From: <George_Madden@fpl.com> FLORIDA PWR & LIGHT
To: <EAB1@nrc.gov> E. BROWN, NRR
Date: Tuesday, November 12, 2002 1:54PM
Subject: OCTOBER 2002 TURTLE CAPTURES

Kelly asked today the status of the Sea turtle informal consultation? May I have an update.

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Nick Whiting
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11/05/2002 12:13 PM

To: William Korte/Psl/Nuclear/FplNuc@FplNuc, Gerry Bird/Psl/Nuclear/FplNuc@FplNuc, Donald Jernigan/Ptn/Nuclear/FplNuc@FplNuc, Dick Rose/Psl/Nuclear/FplNuc@FplNuc, George Madden/Psl/Nuclear/FplNuc@FplNuc, Stacy Foster/Psl/Nuclear/FplNuc@FplNuc, Michael Bresette/Psl/Nuclear/FplNuc@FplNuc, Dave Singewald/Psl/Nuclear/FplNuc@FplNuc, Rick Herren/Psl/Nuclear/FplNuc@FplNuc, Winifred Perkins/GC/FPL@FPL
cc: Tom Abbatiello/Ptn/Nuclear/FplNuc@FplNuc
Subject: OCTOBER 2002 TURTLE CAPTURES

Below please find a summary of sea turtle captures in the St. Lucie intake canal for October 2002. A total of 32 turtles were captured in October, bringing the total to 549 for 2002. Two underweight, lethargic loggerhead turtles were sent to rehabilitation in October. Their condition was not related to plant operation. So far this looks like an average year for turtle captures. Two mortalities have occurred to date that could be attributed to plant operation.

The new primary barrier net has been installed. There are still some adjustments to be made which will be completed in November.

Nick

(See attached file: TURTmortreh.xls)

CC: <Kelly_Korth@fpl.com>

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SEA TURTLES CAPTURED AT PSL - 1998

MONTH	GREEN	LOGGERHEAD	KEMPS RIDLEY	HAWKSBILL	LEATHERBACK	TOTAL
Mortality Limit as per NMFS	*3 or 1.5%, whichever is greater*	*2 or 1.5%, whichever is greater*	*1 or 1.5%, whichever is greater*	*1 or 1.5%, whichever is greater*	*1 or 1.5%, whichever is greater*	
JANUARY	25	36	0	0	0	61
FEBRUARY	58	28	2	0	0	88
MARCH	30	60	0	0	0	90
APRIL	20	47	0	0	0	67
MAY	35	29	0	1	0	65
JUNE	16	26	0	0	1	43
JULY	7	57	0	0	0	64
AUGUST	22	44	0	0	0	66
SEPTEMBER	10	17	0	0	0	27
OCTOBER	27	25 (1)	0	1	0	53 (1)
NOVEMBER	10	10	0	0	0	20
DECEMBER	9	13	0	0	0	22
TOTAL TO DATE	269	392 (1)	2	2	1	666 (1)

( ) Mortalities

SEA TURTLES CAPTURED AT PSL - 1999

MONTH	GREEN	LOGGERHEAD	KEMPS RIDLEY	HAWKSBILL	LEATHERBACK	TOTAL
Mortality Limit as per NMFS	*3 or 1.5%, whichever is greater*	*2 or 1.5%, whichever is greater*	*1 or 1.5%, whichever is greater*	*1 or 1.5%, whichever is greater*	*1 or 1.5%, whichever is greater*	
JANUARY	17	38	0	0	0	55
FEBRUARY	12 (1)	24	0	0	0	36 (1)
MARCH	8	14	0	0	1	23
APRIL	7	26	0	0	0	33
MAY	12	39	0	0	0	51
JUNE	7	29	0	0	0	36
JULY	10	41 (1)	0	0	0	51 (1)
AUGUST	15	25	0	0	0	40
SEPTEMBER	40 (3)	28	0	0	0	68 (3)
OCTOBER	21	11	0	1	0	33
NOVEMBER	17	13 (1)	0	0	0	30 (1)
DECEMBER	24 *	14	1	0	0	39
TOTAL TO DATE	190* (4)	302 (2)	1	1	1	495 (6)

* Possible hybrid counted as a Green Turtle

( ) Mortalities

SEA TURTLES CAPTURED AT PSL - 2000

MONTH	GREEN	LOGGERHEAD	KEMPS RIDLEY	HAWKSBILL	LEATHERBACK	TOTAL
Mortality Limit as per NMFS	*3 or 1.5%, whichever is greater*	*2 or 1.5%, whichever is greater*	*1 or 1.5%, whichever is greater*	*1 or 1.5%, whichever is greater*	*1 or 1.5%, whichever is greater*	
JANUARY	21	23	0	0	0	44
FEBRUARY	28	23	0	0	0	51
MARCH	15	13 (1)	0	0	0	28 (1)
APRIL	29	27	0	0	0	56
MAY	39	39	0	0	0	78
JUNE	49	61	0	0	0	110
JULY	16	57	0	1	0	74
AUGUST	22	39	0	1	0	62
SEPTEMBER	16	10	0	0	0	26
OCTOBER	49	9	0	0	0	58
NOVEMBER	42 (2)	18 (1)	0	0	0	60 (3)
DECEMBER	20	24	0	0	0	44
TOTAL TO DATE	346 (2)	343 (2)	0	2	0	691 (4)

( ) Mortalities

SEA TURTLES CAPTURED AT PSL - 2001

* Causally related to plant operation

MONTH	GREEN			LOGGERHEAD			KEMPS RIDLEY			HAWKSBILL			LEATHERBACK			TOTAL		
*NMFS Mortality/ Injury Limit**	*greens /year**			*greens /year**			2/year *			rback/ 2 yrs.*			rback/ 2 yrs.*					
	total	sick or inj.	mort-alities	total	sick or inj.	mort-alities	total	sick or inj.	mort-alities	total	sick or inj.	mort-alities	total	sick or inj.	mort-alities	total	sick or inj.	mort-alities
JANUARY	61			16			0			0			0			77		
FEBRUARY	25	1		17	1		0			0			0			42	2	
MARCH	23		1*	22			0			0			0			45		1*
APRIL	23			15	2		1			0			0			39	2	
MAY	10			35	2		0			0			1			46	2	
JUNE	9			17	1		0			0			0			26	1	
JULY	16			45	1		0			1			0			62	1	
AUGUST	27	1		31			0			2			0			60	1	
SEPTEMBER	27			26	1		0			1			0			54	1	
OCTOBER	32			25			0			0			0			57		
NOVEMBER	50		4*	17	1	1*	0			2			0			69	1	5*
DECEMBER	18			5			0			0			1			24		
Total to Date	321	2	5*	271	9	1*	1			6			2			601	11	6*

SEA TURTLES CAPTURED AT PSL - 2002

* Causally related to plant operation

MONTH	GREEN			LOGGERHEAD			KEMPS RIDLEY			HAWKSBILL			LEATHERBACK			TOTAL		
*NMFS Mortality/ Injury Limit**	and greens /year*			and greens /year*			2/year *			leatherback/ 2 yrs.*			leatherback/ 2 yrs.*					
	total	sick or inj.	mort-alities	total	sick or inj.	mort-alities	total	sick or inj.	mort-alities	total	sick or inj.	mort-alities	total	sick or inj.	mort-alities	total	sick or inj.	mort-alities
JANUARY	26	1		23	2		0			0			0			49	3	
FEBRUARY	27	1		34			0			0			0			61	1	
MARCH	38	1		51	4		0			0			0			89	5	
APRIL	15			40	1		0			1			0			56	1	
MAY	16		1*	42	2		0			0			0			58	2	1*
JUNE	40		1*	29			0			0			0			69		1*
JULY	21		1	37			0			1			0			59		1
AUGUST	17			27			0			0			0			44		
SEPTEMBER	18			13			0			1			0			32		
OCTOBER	22			10	2		0			0			0			32	2	
NOVEMBER																		
DECEMBER																		

Total to Date	240	3	2*+1	306	11	0	3	0	549	14	2*+1