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To: <EAB1@nrc.gov> *E. Brown, NRC*
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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----- Forwarded by George Madden/Psl/Nuclear/FplNuc on 11/12/2002 01:53 PM

Nick Whiting
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 Jernigan/Ptn/Nuclear/FplNuc@FplNuc, Dick
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 Madden/Psl/Nuclear/FplNuc@FplNuc, Stacy
 Foster/Psl/Nuclear/FplNuc@FplNuc, Michael
 Bresette/Psl/Nuclear/FplNuc@FplNuc, Dave
 11/05/2002 12:13 Singewald/Psl/Nuclear/FplNuc@FplNuc, Rick
 Herren/Psl/Nuclear/FplNuc@FplNuc, Winifred
 PM 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>

10/155

SEA TURTLES CAPTURED AT PSL - 1998

MONTH	GREEN	LOGGERHEAD	KEMPS RIDLEY	HAWKSBILL	LEATHERBACK	TOTAL
<i>Mortality Limit as per NMFS</i>	<i>3 or 1.5%, whichever is greater</i>	<i>2 or 1.5%, whichever is greater</i>	<i>1 or 1.5%, whichever is greater</i>	<i>1 or 1.5%, whichever is greater</i>	<i>1 or 1.5%, whichever is greater</i>	
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
<i>Mortality Limit as per NMFS</i>	<i>3 or 1.5%, whichever is greater</i>	<i>2 or 1.5%, whichever is greater</i>	<i>1 or 1.5%, whichever is greater</i>	<i>1 or 1.5%, whichever is greater</i>	<i>1 or 1.5%, whichever is greater</i>	
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
<i>Mortality Limit as per NMFS</i>	<i>3 or 1.5%, whichever is greater</i>	<i>2 or 1.5%, whichever is greater</i>	<i>1 or 1.5%, whichever is greater</i>	<i>1 or 1.5%, whichever is greater</i>	<i>1 or 1.5%, whichever is greater</i>	
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*	sick or inj.	mort- alities	greens /year*	sick or inj.	mort- alities	2/year *	sick or inj.	mort- alities	leath- rback/ 2 yrs.*	sick or inj.	mort- alities	leath- rback/ 2 yrs.*	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*

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

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0

549	14	2*+1
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