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SUBJECT: Summarizes 910314 meeting in Rockville, MD re status of PRA study for facilities. Clarifies factors which drive RCP seal LOCA frequency & maint unavailability of charging pump B.

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 TITLE: Summary of Significant Meeting with Licensee (Part 50)

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U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
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Gentlemen:

Re: Turkey Point Units 3 and 4  
Docket No. 50-250 and 50-251  
Probabilistic Risk Assessment (PRA) Meeting

A meeting was held in Rockville, Maryland on March 14, 1991 to discuss the status of the Probabilistic Risk Assessment (PRA) study for Turkey Point Units 3 and 4. On April 30, 1991 the NRC issued a summary of this meeting. In this letter, the dominant sequence impacting the Turkey Point Plant risk is identified as a loss of Component Cooling Water (CCW)/Intake Cooling Water (ICW), coupled with failure of the B Charging Pump (CP), which results in a Reactor Coolant Pump (RCP) seal LOCA. The meeting summary further states that the driver for this sequence is the high unavailability of the CPs.

FPL offers this clarification: the two factors which drive the RCP seal LOCA frequency are the loss of CCW system frequency and the maintenance unavailability of the B CP. The "loss of CCW" frequency was determined by constructing a fault tree of the system and quantifying the fault tree to predict a failure frequency. The CP maintenance unavailabilities were obtained from Turkey Point Plant Work Orders covering the period from 1984 through 1989. The average unavailability of the CPs during this period was not excessive when compared with other high pressure, high duty cycle positive displacement pumps when used in similar applications.

Additionally, the meeting summary also stated that FPL will be submitting the external events analysis at a date later than June, 1991. FPL actually plans to submit a Level 1 PRA, Limited Scope Level 2 Containment Performance Analysis, and an analysis of internal flooding, fire and hurricane hazards in June, 1991.

Should there be any questions, please contact us.

Very truly yours,

T. F. Plunkett  
Vice President  
Turkey Point Nuclear

TFP/GS

cc: Stewart D. Ebnetter, Regional Administrator, Region II, USNRC  
Senior Resident Inspector, USNRC, Turkey Point Plant

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