

LICENSEE: HOUSTON LIGHTING & POWER CO.

SITE: SOUTH TEXAS 1 2

EN NUMBER: 26862

DOCKET: 05000498 05000499

EVENT DATE: 03-01-94

RX TYPE: PWR PWR

EVENT TIME: 20:00

VENDORS: W-4-LP W-4-LP

NOTIFY DATE: 03-01-94

EMERGENCY CLASS: N/A REGION: 4 STATE: TX

TIME: 21:51

OPS OFFICER: RUDY KARSCH

10 CFR SECTION: AIND 50.72(b)(2)(iii)(D) ACCIDENT MITIGATION

UNIT	SCRAM	RX	INIT	INITIAL MODE	CURR	CURRENT MODE
	CODE	CRIT	PWR		PWR	
1	N	N	0	HOT STANDBY	0	HOT STANDBY
2	N	N	0	REFUELING	0	REFUELING

WESTINGHOUSE INFORMED THE LICENSEE THAT THEIR CALCULATIONS FOR THE INITIATION OF HOT LEG RECIRCULATION AT SOUTH TEXAS ARE IN ERROR.

WESTINGHOUSE INDICATED THAT THE MAXIMUM TIME TO INITIATE TRANSFER TO HOT LEG INJECTION FOLLOWING A LOCA MAY BE REDUCED FROM 10.5 HOURS TO 6.5 HOURS. AN EOP CHANGE WILL BE INITIATED AS SOON AS POSSIBLE. THE LICENSEE INFORMED THE NRC RESIDENT INSPECTOR.

** UPDATE DATE/TIME: 3/30/94 @ 1505 EST ** FROM LICENSEE: PINZON BY: MCGINTY **

THE LICENSEE RETRACTED THIS EVENT. THE FOLLOWING IS THE TEXT OF A FACSIMILE PROVIDED BY THE LICENSEE:

"ON MAY 25, 1993, THE NRC APPROVED A CHANGE TO THE UNITS 1 AND 2 TECHNICAL SPECIFICATIONS WHICH INCREASED THE MAXIMUM ACCUMULATOR AND REFUELING WATER STORAGE TANK (RWST) BORON CONCENTRATIONS. TO SUPPORT THE TECHNICAL SPECIFICATION CHANGES, WESTINGHOUSE PERFORMED A CALCULATION AND DETERMINED THAT THE CORRESPONDING HOT LEG RECIRCULATION SWITCHOVER TIME FOLLOWING A LOCA SHOULD BE 10.5 HOURS.

ON MARCH 1, 1994, WESTINGHOUSE INFORMED HL&P THAT THE HOT LEG SWITCHOVER TIME FOR STP SHOULD BE REVISED FROM 10.5 HOURS TO 6.5 HOURS. AT 2051 HOURS, THIS EVENT WAS REPORTED TO THE NRC UNDER 10CFR50.72(b)(2)(iii).D AS A FOUR-HOUR NON-EMERGENCY REPORTABLE EVENT BECAUSE THE 10.5 HOUR SWITCHOVER TIME COULD HAVE PREVENTED THE FULFILLMENT OF A SAFETY FUNCTION FOLLOWING A LOCA. THE SAFETY FUNCTION WHICH COULD HAVE BEEN PREVENTED IS THE FLUSHING OF BORON FROM THE CORE. FLUSHING BORON FROM THE CORE FOLLOWING A LOCA PRECLUDES BORON PRECIPITATION, WHICH COULD AFFECT THE CORE'S COOLABLE GEOMETRY.

JUSTIFICATION FOR RETRACTION:

THE WESTINGHOUSE ANALYSIS WHICH SUPPORTED THE TECHNICAL SPECIFICATION CHANGE USED A DIFFERENT METHODOLOGY AND INPUT

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ASSUMPTIONS THAN THOSE USED IN THE PREVIOUS ANALYSIS. THIS ANALYSIS RESULTED IN A SIGNIFICANT DECREASE IN THE CALCULATED HOT LEG RECIRCULATION TIME. THE CHANGE TO THE ANALYSIS WAS MADE TO REFLECT THE CHANGE IN TECHNICAL SPECIFICATION BORON CONCENTRATIONS AND TO ENSURE THAT FUTURE STP OPERATING CONDITIONS WOULD BE BOUNDED.

WESTINGHOUSE HAS DETERMINED THAT USE OF THE PREVIOUS METHODOLOGY WOULD STILL PRODUCE ACCEPTABLE RESULTS FOR STP WHEN USED TO CALCULATE THE HOT LEG RECIRCULATION SWITCHOVER TIME. USING THE PREVIOUS METHODOLOGY AND INPUT ASSUMPTIONS CONSISTENT WITH ALLOWABLE PLANT CONDITIONS, WESTINGHOUSE HAS DETERMINED THAT THE HOT LOG RECIRCULATION SWITCHOVER TIME FOR STP IS 10.7 HOURS, WHICH IS GREATER THAN THE 10.5 HOURS ERRONEOUSLY PROVIDED TO STP BY WESTINGHOUSE USING THE NEWER METHODOLOGY. SINCE BORON PRECIPITATION WOULD NOT HAVE OCCURRED PRIOR TO THE 10.5 HOURS ALLOWED IN THE EMERGENCY OPERATING PROCEDURES, THIS EVENT WOULD NOT HAVE PREVENTED THE FULFILLMENT OF A SAFETY FUNCTION FOLLOWING A LOCA AS PREVIOUSLY REPORTED TO THE NRC."

END OF TEXT.

THE LICENSEE NOTIFIED THE RESIDENT INSPECTOR. HOO NOTIFIED R4DO (STETKA).