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SUBJECT: Submits results of capacity discharge test performed on  
 facility station batteries during latest refueling outage.

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ATTENTION: Document Control Desk  
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H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2  
DOCKET NO. 50-261/LICENSE NO. DPR-23  
BATTERY TEST RESULTS

Gentlemen:

This letter provides the results of the capacity discharge test performed on the H. B. Robinson Steam Electric Plant, Unit No. 2 station batteries during the latest refueling outage as discussed during the October 20-22, 1988 meeting between CP&L and NRC Electrical Systems Branch representatives. The surveillance test performed was conducted in accordance with the recommendations of IEEE 450-1980.

The results presented are compared with for 1987 refueling outage test results.

Refueling Outage	Capacity (%) Based On Total Battery Voltage (MST-920)	
	A-Battery	B-Battery
1988	103	102
1987	107	101

These results were compared with and met the MST-920, "Station Battery Performance Capacity Test" acceptance criteria as follows:

1. The percent battery capability decrease from the average of the previous tests was less than the maximum 10 percent limit.
2. The battery capacity was greater than the 90% minimum limit.

The acceptance criteria for the test were met and the batteries are operable. The current battery test results are being evaluated to determine when the next performance test should be conducted.

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Questions regarding this matter may be referred to Mr. R. W. Prunty at  
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Yours very truly,



L. I. Loflin  
Manager

Nuclear Licensing Section

JSK/crs (328CRS)

Enclosure

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