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PRODUCTION DEPARTMENT

Mr. John F. Stolz, Chief
Light Water Reactors Branch No. 1
Division of Project Management
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Stolz:

SUBJECT: Grand Gulf Nuclear Station
File 0260/0272/0600
Extension of Construction
Permit Completion Dates
AECM-79/98

In response to your letter dated August 2, 1979 concerning extension of construction permit completion dates, we make the following request to amend the present earliest and latest completion dates for Construction Permits CPPR-118 and CPPR-119.

Completion Dates

	<u>Early</u>	<u>Late</u>
CPPR-118	September 1, 1979	March 1, 1982
CPPR-119	April 1, 1983	October 1, 1984

In late 1976, a comprehensive review of both engineering and construction activities was conducted to determine to-date status, and to identify the scope of work that remained. At that time, engineering progress was reassessed and over 1,000,000 additional hours of work were identified. The net result was a reduction from approximately 65% complete to 45% complete. It was also recognized that the Unit 1 construction schedule did not account for the complexity of both the containment and auxiliary building structures. These schedule delays further impacted the start of bulk quantity installation in those buildings due to the lack of area availability. Therefore, the critical path was considered to be bulk quantities, namely small pipe and electrical. Based on historical performance data and the engineering schedule, an achievable construction schedule was determined to be 70 months resulting in an October, 1980 fuel load.

At the same time, the Unit 2 construction schedule was evaluated in light of our understanding of the complexity of the building erection on Unit 1. A 66 month schedule was determined to be more realistic than the 51 month schedule, resulting in a June, 1983 fuel load.

Since 1976, our progress on both the Unit 1 and Unit 2 schedules and to date performance have continued to support these schedules. However, in light of the current uncertainty of the Commission's review schedule for our docket, we have extended these completion dates as suggested in your correspondence while we are still targeted for an October, 1980 and June, 1983 fuel load for respective units.

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In response to your request for providing a list of critical path milestones for each unit, we offer the following.

Unit 1 construction is approximately 82% complete and now in the start-up phase, consequently, critical paths are system oriented. The first critical path milestone is the condensate and feedwater flush scheduled for completion November 2, 1979. The condensate and feedwater systems are needed for NSSS flushing which ties directly into the RPV Hydro operation which is also considered a critical path milestone. Also required in support of the condensate system is the condensate cleanup system which will be required for conditioning of flush water for this operation.

The second major milestone is the Drywell SIT now scheduled for December 29, 1979. Due to the requirements for all containment pools to be filled for the test, work access in these associated areas will be significantly limited. The test is currently scheduled over a holiday period so as to minimize impact to on-going work in the containment.

The third major milestone, RPV Hydro currently scheduled for April 4, 1980, is dependent on completing back flushing operations of the RPV. Completion of IGSCC counter-measure modifications to the Recirculating Water System is critical for RPV back flushing and RPV Hydro.

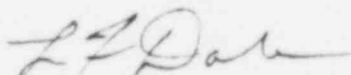
Unit 2 is approximately 13% complete. The major construction milestones are as follows:

Set Reactor Vessel	August, 1979 (accomplished)
Set Containment Dome	December, 1980
Set Turbine Casing	March, 1981
Energization	August, 1981
Cold Hydro	November, 1982

Currently no problems are foreseen with the schedule milestones and we believe they are realistic. Initial performance input from bulk quantity installation indicates progress in excess of what has been scheduled.

We are enclosing a check in the amount of one thousand and six hundred dollars to cover the appropriate fees incurred by our request to extend the completion dates for Construction Permits CPPR-118 and CPPR-119.

Yours truly,



L. F. Dale
Nuclear Project Manager

EWC/PVH/RCL:pa
Enclosure

cc: (See Next Page)

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cc: Mr. N. L. Stampley
Mr. R. B. McGehee
Mr. T. B. Conner

Mr. John G. Davis, Director
Division of Inspection & Enforcement
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

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