

LER #: 50-366/1982-040, Rev. 1
Licensee: Georgia Power Company
Facility Name: Edwin I. Hatch
Docket #: 50-366

Narrative Report
for LER 50-366/1982-040, Rev. 1
Update Report - Previous Report Date

Unit 2 Cycle 3 operation began with NRC approval of the Cycle 3 reload package which used analyses provided by GE. At about the same time, GE notified GPC that the ODYN code used to perform the analyses was in error, but that continued operation of the unit was conservative until late in the cycle when pressurization transients became limiting. The GE reanalyses were completed in September, 1982, and published in Y1003J0A32 Rev. 1. GPC changed the MCPR limit in the process computer at Plant Hatch to reflect the more conservative, corrected value. GPC submitted a request for a Technical Specification change of the MCPR limits on October 4, 1982.

During the week of January 3, 1983, GPC NED became concerned that the lack of NRC approval of the corrected MCPR value would interfere with plant operations. On January 6, 1983, GPC requested GE, through SCSI, to identify when the existing Unit 2 MCPR Technical Specification would become non-conservative with respect to limiting end-of-cycle pressurization transients. On January 7, 1983, GE identified that that assuming nominal cycle length, that nonconservatism would occur at 500 MWD/MTU before EOC. Since we had operated with less than projected control rod density, SCSI determined that with a 10% uncertainty in cycle length due to the change in projected control rod density, the current Technical Specification limit would become non-conservative on January 7, 1983.

The NRC was notified of GPC's concerns on January 6, 1983. On January 7, 1983, GPC NED held a teleconference at 2:30 PM with Mr. George Rivenbark (NRC Hatch Licensing Project Manager), Mr. Larry Phillips (NRR Section Chief - Core Hydraulics), and Mr. George Schwenk (NRR Core Hydraulics). Mr. Larry Phillips indicated that the October 4, 1982, submittal had been reviewed and NRR believed the values to be acceptable. However, he stated that it would be at least a week on an expedited basis before the SER would be completed and issued. He indicated that as far as NRR (Core Hydraulics) was concerned, Plant Hatch could continue to operate because the more conservative MCPR values requested by the Technical Specification were already being used by the site.

GPC NED then contacted Region II I&E office to arrange a teleconference. At 3:30 PM January 7, 1983, Mr. Virgil Brownlee (Region II I&E), Mr. George Rivenbark, and GPC NED held a teleconference to confirm the actions which NRC and GPC were to take. GPC was to continue operation of Plant Hatch with the conservative MCPR limits in place which were based on the GE reanalysis. NRC-NRR would issue the amendment to Unit 2 Technical Specifications approving the MCPR limits requested in GPC's October 4, 1982, submittal. NRC-Region II I&E would take no enforcement action. Mr. Brownlee stated that he and Messrs. H. C. Dance and R. C. Lewis (NRC-Region II) all concur with the actions being taken.