



LER #: 50-321/1982-13  
Licensee: Georgia Power Company  
Facility Name: Edwin I. Hatch  
Docket #: 50-321

Narrative Report  
for LER 50-321/1982-13

On 2-13-82, at approximately 67% CMWT during a reactor startup following a scram recovery, an OD1 (Whole-Core LPRM Calibration) and P1 (Periodic Core Evaluation) were run which revealed CMFLPD (Core Maximum Fraction of Limiting Power Density) greater than FRTP (Fraction of Rated Core Thermal Power). Corrective action was initiated within 15 minutes to restore the CMFLPD/FRTP ratio but was not completed within the 2 hour time limit per Tech Specs 3.1.B. A power reduction to 25% was not required as subsequent actions corrected the problem and startup was continued. This is not a repetitive occurrence. There were no effects upon public health and safety due to this event.

The initial corrective action was unsuccessful due to the spatial redistribution of xenon from burnout, coupled with an ineffective control rod pattern adjustment by the reactor engineer. A report is being prepared by the cognizant engineer detailing the actions and reasons for their ineffectiveness for the benefit of the other reactor engineers.

Also, an extension on the 2 hour time limit to 6 hours will be sought through a Tech Spec revision. At the present the 2 hour limit does not always allow enough time to evaluate the situation, make appropriate corrections and then verify the results. The extension of the LCO to 6 hours will allow time for more effective corrective action, including updating of the process computer base distribution by the engineer, re-distribution of the local xenon concentrations in the core, and selection of rod maneuvers and/or core flow adjustments that will alleviate the problem.