

DUKE POWER COMPANY  
OCONEE 2 CYCLE 12  
CORE OPERATING LIMITS REPORT  
REVISION 1  
MARCH 18, 1991

Reference: OSC-3934

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QA CONDITION 1

Oconee Nuclear Station  
Unit 2 Cycle 12  
Core Operating Limits Report  
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Revision Log

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QA CONDITION 1

## 1.0 Core Operating Limits

This Core Operating Limits Report for O2C12 has been prepared in accordance with the requirements of Technical Specification 6.9. The core operating limits have been developed using NRC-approved methodology (Reference 1) and are documented in Reference 2. The Reactor Coolant system design flow used in Reference 2 for O2C12 is 110.50% (of 88,000 gpm per RCP).

The following cycle specific core operating limits are included in this report:

- 1) RPS Safety Limits,
- 2) Steady State Operating Band,
- 3) Operational Power - Imbalance Limits, and
- 4) Operational and Shutdown Margin-Limited Control Rod Position Limits.

## 1.1 References

1. Duke Power Company, Oconee Nuclear Station, Reload Design Methodology II, DPC-NE-1002A, October 1985.
2. O2C12 Maneuvering Analysis, Duke Power Company calculational file, OSC-3934, Revision 0, April 1990.