

September 8, 1999

To: Manual Holders

Subject: Oconee Selected Licensee Commitments Manual (SLC)  
Revision

On August 26, 1999, Station Management approved a revision to SLC 16.5.7. This revision was to be implemented on September 2, 1999. This change revises 16.5.7 "Chemistry Requirement," by extending the frequency of SR 16.5.7.1 from three times per week to 72 hours. The change is consistent with the applicable EPRI guidelines. Additionally, the frequency has been demonstrated via operating experience to ensure that RCS chloride, fluoride, and oxygen remain within limits.

Please revise your SLC manual according to the instructions below.

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LOEP 1  
LOEP 2  
SLC Page 16.5.7-3  
SLC Page 16.5.7-6

Insert these pages

LOEP 1  
LOEP 2  
SLC Page 16.5.7-3  
SLC Page 16.5.7-6

Any questions concerning this revision may be directed to Stan Day at 864-885-4111.

Regulatory Compliance  
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Oconee Nuclear Station  
Selected Licensee Commitments  
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4/12/99

SURVEILLANCE REQUIREMENTS

| SURVEILLANCE |  | FREQUENCY |
|--------------|--|-----------|
| SR 16.5.7.1  | <p>-----NOTES-----</p> <ol style="list-style-type: none"> <li>Not applicable to oxygen concentration in the pressurizer in MODE 3 with RCS temperature <math>\leq 525^{\circ}\text{F}</math>.</li> <li>Not required to be performed for the pressurizer.</li> </ol> <p>-----</p> <p>Verify fluoride, chloride and oxygen concentrations in the RCS and the pressurizer are <math>\leq 0.15</math> ppm, <math>\leq 0.15</math> ppm, and <math>\leq 0.10</math> ppm, respectively.</p> | 72 hours  |
| SR 16.5.7.2  | <p>-----NOTE-----</p> <p>Not required to be performed for the pressurizer.</p> <p>-----</p> <p>Verify oxygen concentration in the pressurizer is <math>\leq 0.20</math> ppm.</p>   | N/A       |
| SR 16.5.7.3  | Analyze the RCS tritium level.   | 92 days.  |

## SURVEILLANCE REQUIREMENTS

### SR 16.5.7.1

This SR ensures that the RCS chemistry levels are within the SLC requirements. The 72-hour Frequency is considered adequate to provide such assurance.

### SR 16.5.7.2

This SR establishes the limit for oxygen concentration in the pressurizer. No specific frequency is required and the Note states the SR is not required to be performed. Chemistry procedures provide appropriate controls for sampling the pressurizer. This presentation establishes the limit for this parameter without requiring actual performance of the SR.

### SR 16.5.7.3

This SR analyzes the tritium level every 92 days.

## REFERENCES

1. UFSAR, Section 5.2.1.7
2. UFSAR, Section 9.3.1-2
3. Stress Corrosion of Metals, Logan
4. Corrosion and Wear Handbook, O. J. DePaul, Editor
5. EPRI PWR Primary Water Chemistry Guidelines
6. Duke letters to the NRC dated February 20, 1996, and October 16, 1996.
7. NRC Safety Evaluation dated February 19, 1997.