

**In-Service Criteria for SO<sub>2</sub> Control Equipment**  
**Jeffrey Energy Center**

1. All major construction work is complete.
2. All preoperational tests have been successfully completed.
3. Equipment successfully meets operational contract guarantees. (Note: Some operational contract guarantee verification periods may extend beyond the duration of the schedule for a rate case. These guarantees will be evaluated for applicability.)
4. The equipment shall be operational and demonstrate its ability to operate at a SO<sub>2</sub> reduction efficiency equal to or greater than 88% over a continuous four (4) hour period while the generating unit is operating at or above 95% of its design load (720 Mw-net).
5. The equipment shall also demonstrate its ability to operate at a SO<sub>2</sub> reduction efficiency equal to or greater than 84% over a continuous 120-hour period while the generating unit is operating at or above 80% of its design load (720 Mw-net).
6. Plant instrumentation, analysis methodologies, and emission monitoring systems are capable of measuring the SO<sub>2</sub> emission reductions to satisfy the parameters in items (4) and (5) above.

Staff Exhibit No. 1  
Case No(s) ER-2009-0040  
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