

## **Industry Discussion on Proposed Staff Guidance on Scoping of Equipment Relied on to Meet Station Blackout Rule**

January 10, 2002



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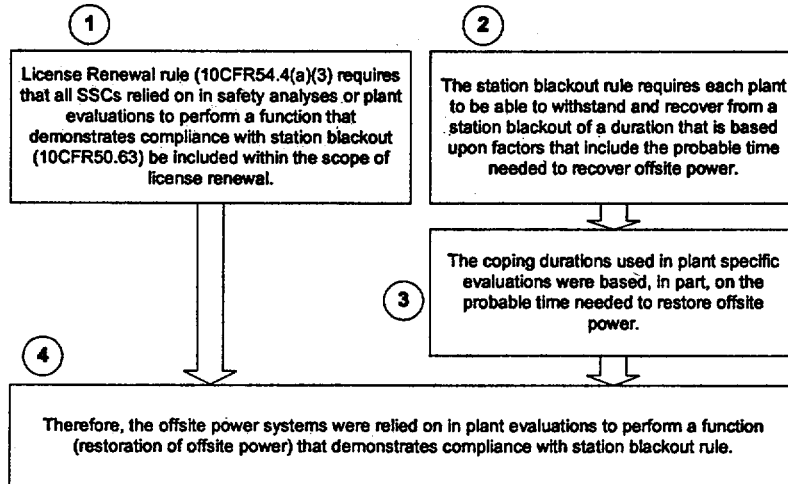
### **Understanding Staff Position:**

- *"Consistent with the requirements specified in 10 CFR 54.4(a)(3) and 10 CFR 50.63(a)(1), the plant system portion of the offsite power system should be included within the scope of license renewal."*
- *"By ensuring that the appropriate passive components that are long-lived with this portion of the offsite power systems are subject to an aging management review, we will ensure that the bases underlying the SBO requirements are maintained over the period of license renewal."*



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## Proposed Staff Rationale:



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## Functions that Demonstrate Compliance

- The current licensing bases for plants do not rely upon restoration of offsite power as the means to *recover* from a SBO event
- Compliance with *Recovery* portion of SBO rule is demonstrated by ensuring that a capability for recovery is provided
- This capability is demonstrated, in accordance with 10 CFR 50.63(c)(1)(ii), through procedures and training that will be implemented in response to a SBO event
- Restoration of offsite power is not a function that demonstrates compliance with SBO rule

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### **SSCs Included in LR rule**

- Statements of Consideration for LR rule discusses bounding the scope of review for SSCs necessary to meet 10 CFR 54.4(a)(3)
- SoCs state an applicant should rely on the plant's current licensing bases, actual plant-specific experience, industry-wide operating experience (that is specifically applicable to the facility), and existing engineering evaluations
- This consideration excludes the broadly scoped historical data, used in support of the Station Blackout Rule, that provide statistical information on the duration of loss of offsite power events

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### **Basis for Plant Specific Coping Durations**

- Industry-wide data on the average duration of loss of AC power were used in developing the supporting basis for the SBO rule
- This data identified offsite/onsite power system design and weather as dominant factors which were used in the establishment of coping durations
- Offsite power design characteristics considered were broad and did not address individual system or component characteristics
- In many cases, plant-specific implementation of SBO rule relied upon onsite AC power as primary means of recovery from the SBO event

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## **Summary**

- Industry recognizes that recovery from an SBO event is part of the SBO rule
- U.S. plants do not rely upon restoration of offsite power systems in demonstrating compliance with the recovery aspect of SBO rule
- Coping durations were based upon generic offsite and onsite power design characteristics and weather. Offsite power system performance characteristics were not addressed in plant-specific implementation and subsequent compliance with SBO rule
- The scope of equipment to be considered in LR rule, as outlined in Statements of Consideration, is focused on the plant CLB and plant-specific experience

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