




System Operating Procedures

SOP-OUTSCH.0030.0060

Participate in Transmission System Interface
Meetings With Nuclear Plants

Effective Date: February 14, 2011
Revision No. 6

	© ISO New England Inc. 2011	Procedure: Participate in Transmission System Interface Meetings With Nuclear Plants
	Process Name: Capture and Evaluate Outage Requests	
	Procedure Number: OUTSCH.0030.0060	Revision Number: 6
	Procedure Owner: Kevin Clark	Effective Date: February 14, 2011
	Approved By: Director, Operations Support Services	Valid Through: February 14, 2013

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1. Objective


The objective of this procedure is to document the responsibilities of ISO New England (ISO) staff with regards to interfacing with nuclear plant generating stations. This procedure does not in any way change the intent of ISO New England Operating Procedure No. 3 - Transmission Outage Scheduling (OP-3) or ISO New England Operating Procedure No. 5 - Generator and Dispatchable Asset Related Demand Maintenance and Outage Scheduling (OP-5) but rather is intended to clarify responsibilities delegated to ISO staff.

2. Background

The Local Control Centers (LCCs) along with neighboring Reliability Coordinators coordinate and submit proposed transmission outage requests to ISO for logging and evaluation. Market Participants also submit their Generator outage requests to ISO for scheduling Maintenance Outages in accordance with OP-5. Nuclear plant design and regulatory requirements may require additional updates to current and forecasted system conditions involving transmission and generation outages. In addition to normal communication associated with dispatch and outage coordination, ISO has arranged regular communications with nuclear plants, LCCs and Transmission Owners to address potential concerns that may affect reliable operation of nuclear plant Generators and the Bulk Electric System.

3. Responsibilities


1. Scheduling quarterly meetings to interface with nuclear plants, LCCs and Transmission Owners.
2. Scheduling a joint meeting with all nuclear plants and applicable LCCs at least once a year.
3. Addressing and resolving issues affecting reliability of the Bulk Electric System that may arise from the quarterly meetings.

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4. Supporting the nuclear power station regarding all issues involving ISO during all inspections, review or audit by any regulatory agency including the Nuclear Regulatory Commission (NRC), Institute of Nuclear Power Operations (INPO), Federal Energy Regulation Commission (FERC), North American Electric Reliability Corporation (NERC) and Northeast Power Coordinating Council, Inc. (NPCC).
5. Supporting training on nuclear plant procedures with ISO Operator training staff.

4. Controls


- None

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5. Instructions

5.1 Scheduling Interface Meetings

1. The System Operations Nuclear Plant Liaison (or designee) shall schedule meetings on a quarterly basis to include the following applicable parties:
 - Nuclear plant contacts
 - LCC personnel
 - Applicable Transmission Owners
 - Applicable ISO staff
2. The System Operations Nuclear Plant Liaison (or designee) shall designate the date, time, and agenda and disseminate this information to all parties participating in the nuclear plant updates.
3. The System Operations Nuclear Plant Liaison (or designee) shall prepare and send in advance relevant studies that pertain to meeting agenda items for review by applicable parties.
4. The System Operations Nuclear Plant Liaison (or designee) will coordinate a joint meeting with all nuclear plant representatives and all applicable LCCs at least once a year.

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5.2 Conducting the Interface Meeting


1. The System Operations Nuclear Plant Liaison (or designee) should co-chair the meeting along with a designee from the nuclear plant to ensure all relevant topics pertaining to reliability are covered.

NOTE

ISO personnel shall be sensitive to confidential material when discussing generation and transmission outages with Market Participants.

The Nuclear Plant Interface Requirements (NPIRs) referred to in this document are those NPIRs that apply to both the ISO and applicable LCC.

2. The System Operations Nuclear Plant Liaison (or designee) shall ensure that the following applicable items are covered during the quarterly interface meetings:
 - Nuclear plant Generator planned outages
 - Transmission outages affecting nuclear plant Generators
 - Procedure and policy changes that affect nuclear plant Generators
 - Reliability concerns resulting from outages
 - Other issues/concerns as determined by ISO or nuclear plant personnel
 - Proposed changes to the transmission system that might impact the nuclear plant.
 - Proposed changes to the nuclear plant design, configuration, operations, limits, protection systems, or capabilities that may impact the ability of the electric system to meet the NPIRs.
 - Proposed changes to the nuclear plant NX-12 Generator technical data.
 - Proposed changes to Master/Local Control Center Procedure #1 - Nuclear Plant Transmission Operations (M/LCC 1) and applicable Attachments.
 - Review the NPIRs data to determine whether any planning or operational analyses need to be performed specifically to support the NPIRs and, if so, determine the frequency of studies, scenarios and contingencies to be evaluated.
3. The participating nuclear plant representatives shall take meeting minutes for audit purposes.

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4. Unresolved issues and requests for further studies should be recorded and resolved by the System Operations Nuclear Plant Liaison (or designee) and the nuclear plant representatives prior to creating unacceptable system reliability.
5. The System Operations Nuclear Plant Liaison (or designee) should notify ISO System Planning personnel of any proposed changes to the nuclear plant or its NX-12 Generator technical data.
6. At least once every three years, the System Operations Nuclear Plant Liaison (or designee) and the nuclear plant representatives shall review of all relevant agreements, protocols, procedures, etc. relating to the interface between the nuclear plant and the transmission system.

6. Performance Measures

This procedure is deemed to be properly followed as evidenced by the following:

- Goal for Corporate Customer Satisfaction Rating met

7. References

ISO New England Operating Procedure No. 1, Appendix A - Central Dispatch Operating Responsibility and Authority of ISO New England, the Local Control Centers and Participants Appendix A (OP-1A)


ISO New England Operating Procedure No. 3 - Transmission Outage Scheduling (OP-3)

ISO New England Operating Procedure No. 5 - Generator and Dispatchable Asset Related Demand Maintenance and Outage Scheduling (OP-5)

ISO New England Operating Procedure No. 14 - Technical Requirements for Generation, Demand Resources and Asset Related Demands Appendix A (OP-14A)

Master/Local Control Center Procedure #1 - Nuclear Plant Transmission Operations (M/LCC 1) and Attachments

NERC Reliability Standard NUC-001 - Nuclear Plant Interface Coordination

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8. Revision History

Rev. No.	Date	Reason	Contact
0	12/01/03	Initial procedure to coincide with Process Flows	Dave Bertagnolli
1	02/01/05	Updated SOP for RTO terminology	Pete Harris
2	11/28/06	Revised Procedure titles and job titles as part of annual review	Pete Harris
3	10/04/07	Minor clerical changes made as part of annual review	John Simonelli
4	03/16/09	Minor clerical changes made as part of periodic review	Dave Bertagnolli
5	03/08/10	Biennial review by procedure owner; Revised to include current responsibilities and expectations.	Dave Bertagnolli
6	02/14/11	Biennial review by procedure owner; Updated change in procedure owner and copyright date in Headers; Replaced page numbers with Page X of Y format Section 3 replaced “bulk power system” with “Bulk Electric System”	Kevin Clark

9. Attachments

None.