

# Steam Generator Action Plan

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Briefing for the  
Office of the Inspector General  
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# Historical Overview

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- 2/15/00 - IP2 Tube Failure Event
- 2/28/00 - NRR request to RES for independent review
- 3/16/00 - RES response to NRR
- 5/24/00 - Task Group Charter issued
- 8/29/00 - OIG Report issued
- 8/30/00 - Chairman's request for staff review of OIG Report
- 10/23/00 - Lessons-Learned Report issued
- 11/3/00 - Staff Review of OIG Report issued
- 11/16/00 - Steam Generator (SG) Action Plan issued
- 3/23/01 - SG Action Plan revised

# SG Action Plan - Purpose

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- SG Action Plan was issued on 11/16/00.  
The purpose of the action plan is to:
  - ▶ Direct and monitor the NRC's efforts in the SG tube integrity area.
  - ▶ Ensure that the associated issues are appropriately tracked and dispositioned.
  - ▶ Ensure the NRC's efforts result in an integrated SG regulatory framework (e.g., licensing, inspection, research).

# SG Action Plan - Scope

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- The action plan consolidates numerous activities related to SGs including:
  - ▶ Evaluation and implementation of recommendations from the IP2 Lessons-Learned report;
  - ▶ Evaluation and implementation of recommendations from staff review of the OIG report;
  - ▶ NRC review of NEI 97-06, "Steam Generator Program Guidelines," Generic License Change Package;
  - ▶ Resolution of GSI-163, "Multiple Steam Generator Tube Leakage";
  - ▶ Resolution of SG Differing Professional Opinion.

## **SG Action Plan - Scope (cont.)**

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- The action plan also includes non-SG related issues that arose out of SG-related activities (e.g., Emergency Planning issues from OIG report).
- The action plan does not address plant-specific reviews or industry proposed modifications to GL 95-05 (voltage-based tube repair criteria).

# SG Action Plan - Status

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The following is the status of the SG action plan milestones related to the staff review of the OIG report (reference memo from the EDO to the Commission dated 11/3/00):

- Review and revise, as appropriate, the amendment review process, including concurrence responsibilities, supervisory oversight, and second-round requests for additional information. (Item 2.8, target 6/29/01)
- Review NRC inspection program and, if necessary, develop guidance to inspectors on overseeing facilities with known SG tube leakage. (Item 1.9, complete 3/30/01).
- Reassess the NRC treatment of licensee SG inspection result summary reports and conference calls during outages. Evaluate the need for review guidance. (Item 1.10, in concurrence).

# SG Action Plan - Status (cont.)

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- Review and revise, as appropriate, the policy for project manager involvement with the morning call between the resident inspectors and the region.  
(Item 2.3, complete 3/23/01).
- Review the NRC inspection program and, if necessary, revise guidance to inspectors on overseeing facility eddy current inspection of SGs. This includes the following major substeps:
  - ▶ Review and revise the baseline inspection program.  
(Item 1.11a, target 4/30/01)
  - ▶ Review and revise how inspection results/degraded conditions/events are assessed through a risk-informed process. (Item 1.11b, target 7/31/01)
  - ▶ Review and revise the training program for inspectors.  
(Item 1.11c, target 9/28/01)

# SG Action Plan - Status (cont.)

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- Review program requirements for routine communications between the resident inspectors and local officials based on public interest. Based on weighing current resident inspector responsibilities (e.g., inspection requirements, followup on plant events) against this review, revise program requirements if needed. (Item 2.4, in ~~concurrency~~ <sup>2/3/01</sup>)
- Evaluate the need for a new communication protocol with the US Secret Service that would cover emergency situations at all NRC licensed facilities. (Item 2.1, complete 12/5/00)
- Staff provides EDO with update on status of action plan. (Item 1.13, target 5/31/01)
- Hold SG workshop with stakeholders. (Item 1.15, complete 2/27/01-2/28/01)
- Investigate possibility of establishing protocol with OIG regarding review of draft reports for factual/contextual errors. (Item 2.7, target 6/29/01)

# SG Action Plan - Status (cont.)

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The following is a list of some of the major SG action plan milestones that have been completed in addition to those discussed previously (i.e., not related to OIG report):

- Issue Regulatory Issue Summary on SG lessons-learned.  
(Item 1.1, complete 11/3/00)
- Discuss SG Action Plan and IP2 lessons-learned with industry and other external stakeholders.  
(Item 1.2, complete 12/20/00)
- Determine need to incorporate new SG performance indicators into Reactor Oversight Process.  
(Item 1.7, complete 1/24/01)
- Recommence work on NEI 97-06.  
(Item 1.8, complete 1/31/01)
- Establish SG Action Plan Web Page.  
(Item 2.2, complete 1/16/01)

*<http://www.nrc.gov/NRC/REACTOR/SGAP/index.html>*

# **SG Action Plan - Management**

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- Completion of each action plan milestone will be documented via memo from lead division to associate directors in NRR.
- Resolution of issues will be coordinated with internal and external stakeholders.
- Status of action plan milestones will be updated on quarterly basis and published in the NRR Director's Quarterly Status Report.
- Status of action plan milestones will also be updated monthly in the Chairman's Tasking Memo.
- Overall management of the plan is the responsibility of DLPM.