



U.S.NRC

UNITED STATES NUCLEAR REGULATORY COMMISSION

Protecting People and the Environment

**License Renewal
Interim Staff Guidance
NRC LR-ISG-20XX-YY**

**Steam Generator Task Force Meeting
October 7, 2021**

Staff Expectations

- Issue updated ISG to address inspection of steam generator divider plate assemblies, tube-to-tubesheet welds, heads (channel or lower/upper heads), and tubesheets.
- License renewal applicants may take an exception to the current guidance in NUREG-2191 until ISG is issued.
- Expected publishing date in second half of 2022.
- Once issued, current holders of renewed licenses will treat ISG information as “operating experience” and consider this information to ensure the existing AMPs remain effective.

NUREG-2191 Guidance

XI.M19 STEAM GENERATORS

Current Wording (page XI.M19-3): In summary, the NEI 97-06 program provides guidance on parameters to be monitored or inspected except for steam generator divider plate assemblies, tube-to-tubesheet welds, heads (channel or lower/upper heads), and tubesheets. For these latter components, visual inspections are performed at least every 72 effective full power months or every third refueling outage, whichever results in more frequent inspections. These inspections of the steam generator head interior surfaces including the divider plate are intended to identify signs that cracking or loss of material may be occurring (e.g., through identification of rust stains).

Proposed ISG Wording¹: In summary, the NEI 97-06 program provides guidance on parameters to be monitored or inspected except for steam generator divider plate assemblies, tube-to-tubesheet welds, heads (channel or lower/upper heads), and tubesheets. For these latter components, visual inspections are performed at least every 72 effective full power months or every third refueling outage, whichever results in more frequent inspections. Inspections of these latter components may be performed every 96 effective full power months for units with technical specifications that allow such intervals, so long as the degradation assessments for these latter components also support such inspection intervals. These inspections of the steam generator head interior surfaces including the divider plate are intended to identify signs that cracking or loss of material may be occurring (e.g., through identification of rust stains).

The staff invites industry feedback of the proposed ISG wording