




UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

February 24, 2020

SECRETARY

MEMORANDUM TO: Margaret M. Doane  
Executive Director for Operations

FROM: Annette L. Vietti-Cook, Secretary 

SUBJECT: STAFF REQUIREMENTS – SECY-18-0091 –  
RECOMMENDATIONS FOR MODIFYING THE REACTOR  
OVERSIGHT PROCESS FOR NEW LARGE LIGHT WATER  
REACTORS WITH PASSIVE SAFETY SYSTEMS SUCH AS THE  
AP1000 (GENERATION III+ REACTOR DESIGNS)

The Commission has approved the staff's recommended Option 1, to eliminate the Mitigating Systems Performance Index performance indicators for the AP1000, with no new performance indicators being developed during initial operation and with limited modifications being made to the baseline inspection program, as described by the staff in the paper.

In the first three annual self-assessment reports for the Reactor Oversight Process (ROP) that occur after the initial Vogtle AP1000 unit is operating, the staff should include in the self-assessment report a section reporting on any insights, trends, or lessons learned in applying this modified ROP at the Vogtle units. The staff should also provide in its report (1) an assessment of utilization of the "larger-than normal complement of inspectors" and the projected workforce plan to arrive at steady-state staffing levels, and (2) an assessment of the appropriate treatment of non-safety-related systems in the baseline inspection program for AP1000.

cc: Chairman Svinicki  
Commissioner Baran  
Commissioner Caputo  
Commissioner Wright  
OGC  
CFO  
OCA  
OPA  
ODs, RAs, ACRS, ASLBP (via E-Mail)  
PDR