

**POLICY ISSUE**  
**NOTATION VOTE**

**RESPONSE SHEET**

**TO:** Annette L. Vietti-Cook, Secretary  
**FROM:** CHAIRMAN SVINICKI  
**SUBJECT:** SECY-20-0045: Population Related Siting  
Considerations for Advanced Reactors

Approved XX Disapproved \_\_\_\_\_ Abstain \_\_\_\_\_ Not Participating \_\_\_\_\_

**COMMENTS:** Below XX Attached \_\_\_\_\_ None \_\_\_\_\_

I approve the staff's recommended Option 3, to develop a revision to the current population-related siting guidance used to implement Commission policy in order to provide technology-inclusive, risk-informed, and performance-based criteria to assess certain population-related issues regarding the siting of advanced nuclear reactors. The resulting, revised guidance will provide an alternative population-density criterion that is directly related to the potential radiological consequences estimated from analyzing a range of possible design-specific events and accident sequences. Such an approach will give appropriate consideration to attributes of fuel design, inherent safety features, and other contributors to the retention of radionuclides within an advanced reactor facility. Option 3 is also more likely to promote consideration of safety in the early stages of design and siting, as articulated in NRC policies related to advanced reactors.

  
\_\_\_\_\_  
**SIGNATURE**

11/  /2020  
\_\_\_\_\_  
**DATE**

Entered on "STARS" Yes  No \_\_\_\_\_