

Use of Licensee PRA Models in Regulatory Applications

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Objective



- **Scope of Project**
- **Why NRC is Evaluating**
- **Industry Help Needed**
- **Next Steps**

Scope of Project



- Evaluate the current uses of SPAR models
- Evaluate licensee PRA models and potential uses
- Evaluate the cost-effectiveness of shifting to the use of licensee PRA models vice SPAR models

Why NRC Evaluating?



- **Cost to maintain and update SPAR models**
- **Project AIM, increased budget pressure**
- **Perceived inefficiency in the maintenance of two models (SPAR and licensee)**
- **Licensee models have improved**

Industry Help Needed



- **Understand level of standardization within industry**
 - Modeling conventions, nomenclature, post-processing rules, software platforms, etc.
- **Understand licensee willingness to participate**
- **Understand licensee concerns with regard to the project**

Next Steps

- Engage with NEI task force
- Evaluate potential cost-benefits
- Evaluate industry “non-starters”
- Engage to perform pilot (PVNGS)

Questions?