



# **Status of Commission Paper on Patient Release**

Said Daibes, Ph.D.  
Medical Radiation Safety Team  
US NRC

# Purpose

To provide ACMUI with status of completion of tasks provided to staff in SRM-COMGBJ-11-0003 (Data Collection Regarding Patient Release).

# Background

- Commission via SRM-COMGBJ-11-0003 Directed NRC Staff To:
  - To evaluate whether there are gaps in the available data on doses received by members of the public from release of patients treated with medical isotopes (task 1)
  - How the agency could go about collecting additional data (task 2), if needed.
  - A recommendation, as an alternative option, on the feasibility of revisiting the dose assessment used to support the 1997 patient release rulemaking (task 3).

# Background

- The SRM also asked for staff's recommended approach on the use of expert elicitation.

# Status

- ACMUI and OAS reviewed and commented on the draft SECY paper.
- SECY paper was submitted to the Commission - Jan 2012.

# Options

- Option 1 - Do not pursue any further research/data collection and do not revisit calculations and methods described in the NUREGs.
- Option 2 - Perform research/empirical data collection to fill identified gaps in available data.
- Option 3 – As an alternative to collecting empirical data, revisit calculations and methods described in the NUREGs' guidance for patient release.

# Options

- Option 4 - Perform analytical and limited empirical research/data collection, and revisit calculations and methods described in the NUREGs' guidance for patient release.



QUESTIONS?



# Acronyms

- RES – Office of Nuclear Regulatory Research
- SECY – Office of the Secretary
- SRM – Staff Requirements Memorandum
- OAS – Organization of Agreement States