

## NRC SFPO Meeting EU Concerns Regarding NPC

- No items mentioned raise a safety concern with us
  - Certificate language could be improved for international clarity
1. Pellet Integrity: We feel we have adequately demonstrated safety for the limits in the cert. However, no practical value in continuing to argue so reduce heterogeneous pellet content to 40.54 kg.
  2. Goes away with the reduction to 40.54. Kg.
  3. Materials with hydrogen density greater than water: Verifying some calculations for other conditions and considering wording changes.
  4. ICCA Leak tightness: Clearly the 27 ICCAs tested demonstrate this fact. summarizing the testing to more clearly explain.
  5. Exclusion of Liquids: Considering wording change – “Dry”, “no solutions or compounds with free liquids”
  6. Oblique Puncture Orientation: This was tested. CTU(4) #13 & #14.
  7. Take into account ambient temp of 38C: Yes in current SAR

## NRC SFPO Meeting 677 J-Package Dedication

- Fabricated in Japan to Japanese specs and Japanese procedures before US license issued
- Inspected by MITI and registered
- Current US drawings include the design features of the J-packages
- J-packages made by the same vendor to the same process and procedures as the RAJ-II test units used to demonstrate Type B rating
- Some differences in materials certification, welds and welder qualifications between Japanese standards and US standards
- Is there a rational “non-destructive” approach to dedication?
  - Verification basic package design fits current license envelope
  - Verification of records
  - Conclusion of equivalency through origin and engineering
- Options for Type A vs Type B issue with Japan?