



Nuclear Regulatory Commission Alternate Feedstock (AFS) Chemical Safety

18 - 19 July 2007

OFFICIAL USE ONLY-SECURITY RELATED
INFORMATION AND PROPRIETARY INFORMATION
When Separated from Enclosures 4-12, handle as
non-sensitive

Enclosure 3

Agenda

- Dechlorination/
Dissolution Unit (KDD)
- Relevant Testing
- Chlorine/Chloride
Electrolyzer – Lessons
Learned (Philippe
Rondet)
- Chlorine/Chloride
Electrolyzer – Chemistry
(Gerald Senentz)
- Chlorine/Chloride
Electrolyzer – Relevant
Testing (Philippe Rondet)

Agenda

- Sampling and Process Controls for Chlorine in Dechlorination
- AFS for the MFFF (Amandine Spiteri)
- Sampling and Process Controls for Chlorine in Dechlorination (Amandine Spiteri)

Agenda

- Assessment of AFS impurities in the electrolyzer – Safety Strategies, Safety Controls, and Defense-in-Depth
- Chloride/Chlorine Safety (Sven Bader)

Agenda

- Hydrogen Peroxide (H_2O_2) Organic Chemistry
- Sampling and Process Controls for H_2O_2
- Hydrogen Peroxide Chemistry (Gerald Senentz)
- Sampling and Process Controls for Hydrogen Peroxide (Amandine Spiteri)

Agenda

- Safety Strategies, Safety Controls, and Defense-in-Depth
- Hydrogen Peroxide Safety (Sven Bader)

Road Map Taken for Chlorine/Chloride Safety

