RAS 9698

ENRICHMENT Water Use Minimization Actions

<u>**Recycle – Reuse**</u>

- Heat Rejection for Primary Process Cooling is designed closed loop vs. open loop cooling (1.386B gal/yr savings)
- Decontamination Workshop water cleaning solution recycled vs. weekly change-out (20K gal/yr savings)

Under Consideration

State Engineer

Template = SECY-028

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ΕΔΟΠ ΙΤΥ

- NEF Gray-Water used for Landscape Irrigation vs. leach-field.
- Treating Hobbs Gray-Water (non-Potable) for use in process water makeup.

Ref: A Water Conservation Guide for Institutional and Industrial Users, Water

Use and Conservation Bureau, July 1999, New Mexico Office of the

Xeriscape vs. Conventional Landscape Irrigation (1.6M gal/yr savings)

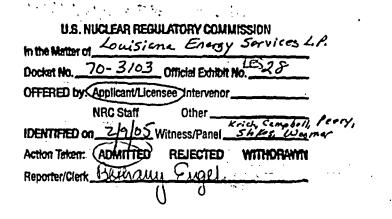
Conservation

Low Flow toilets/showers/Sinks (2.6M gal/yr savings)

Floor Washing will utilize localized or self contained cleaning vs. open hose floor wash wash downs to drain's (750K gal/yr savings)

- High Efficiency Laundry Washers (78K gal/yr savings)
- High Efficiency Closed Cell Cooling Towers (Water/Air Cooling) vs. Open Cell (10.6M gal/yr savings)
- Cooling Tower water treatment to reduce blowdown (11.9M gal/yr savings)
- Fire Limited Design Approach Significant reduction in Code Required Water flow potential and on site storage. (99K gal/event)

SECY-02



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