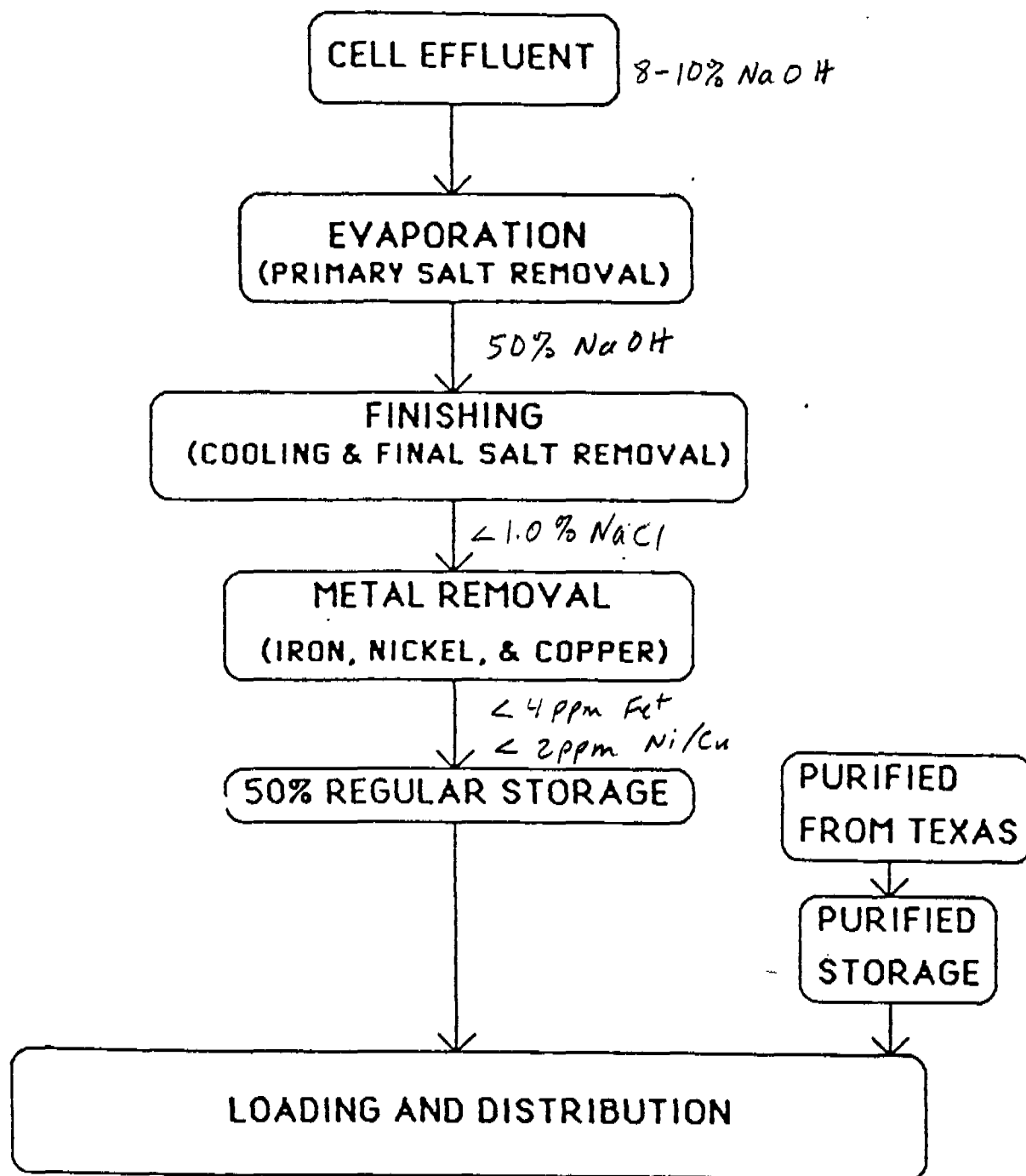


**NEW SUPERINTENDENT'S REACTIVE
CHEMICALS REVIEW**

SEPTEMBER 5, 1991

PRESENTED BY: CHARLES E. JACKSON

DO A 047449
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REACTIVE CHEMICALS REVIEW
CAUSTIC PRODUCTS

50% REGULAR GRADE CAUSTIC

PRODUCTION SPECIFICATIONS:

SODIUM HYDROXIDE	48.5 - 50.5%
TOTAL ALKALINITY AS Na_2O	37.6 - 39.3%
SODIUM CARBONATE	0.15% MAX.
SODIUM CHLORIDE	1.0% MAX.
SODIUM SULFATE	0.025% MAX.
IRON	4 PPM MAX.
SODIUM CHLORATE	0.15% MAX.
NICKEL	0.2 PPM MAX.
COPPER	0.2 PPM MAX.
MANGANESE	0.2 PPM MAX.
SILICON	100 PPM MAX.
MAGNESIUM	10 PPM MAX.
CALCIUM	15 PPM MAX.

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2-2-8-9/5/91

REACTIVE CHEMICALS REVIEW
CAUSTIC PRODUCTS

50% PURIFIED GRADE CAUSTIC

TERMINAL SPECIFICATIONS:

SODIUM HYDROXIDE	48.5 - 50.5%
TOTAL ALKALINITY AS Na_2O	37.6 - 39.3%
SODIUM CARBONATE	0.15% MAX.
SODIUM CHLORIDE	0.10% MAX.
SODIUM SULFATE	0.025% MAX.
IRON	5 PPM MAX.

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