

TA03

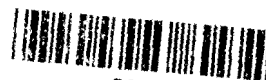
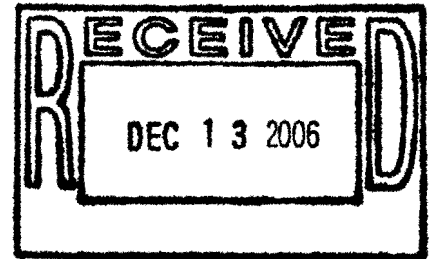
History of Water Treatment Chemicals used at the TA-03 Power Plant
From 1951 through November, 2006

Information compiled by Joe Ortiz, Power Plant Chemist since 1976
For Kay Birdsell

November 13, 2006

ENCL →

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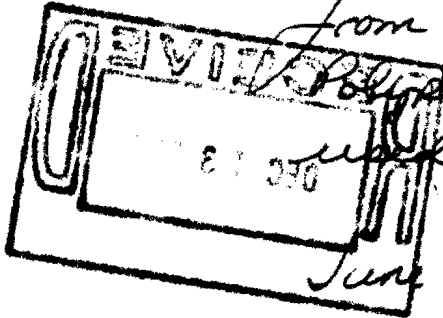
from Joe Ortiz

Lind:

Cooling Tower TA-3 Power Plant.

from 1951 to 1956 (JUNE 1, 1956)

Polysphosphate / Sulfuric Acid was used for corrosion/deposition control



June 1, 1956 Converted from phosphate to Chromate treatment. Zinc dianodic treatment

Oct. 1967 - Betz Fungicide F-14 for fungi control to tower.

1968-1969 - Zinc Dianodic - Hexametaphosphate continued.

1969 - a strong nonoxidizing biocide - Betz C-30 was used.

May 1970 a dispersant (Betz 408) in conjunction with the zinc chromate/biocide

Dec. 1971 Changed from 408 to Betz 412 then back.

April 1972 - changed from 408 to 602 and 419 Betz chemicals.

August 1973 - a bulk chemical tank was shipped to Zia Co. from Betz and ~~the~~ existing Acid tank was switched to 602

11-1975 - changed from 419 to Betz 431 dispersant.

1980 - changed over to Dianodic II Program. Betz 2020 / 562C