

Subject: Meeting in Ramada Central Inn on BWS
 7:20 p.m. on Wednesday Aug. 5, 1981

API - CGC Tank Design
 ASME Section 3

- As-built of tank
- Recent data on ring beam

Finite element analysis ^{on ring beam} - indicates present stress is worse now than it will be during? or after surcharge?

- Was analysis ^{on tank} that was made incorporate surcharge loading?
- Is this basis for statement that surcharging will improve over present condition?
- What is estimate of stresses now ^{in tank} in comparison to allowable code
- Practical means for measuring strains (stresses) during surcharging
- Changes in elevations @ locations on tank since initial installation

1 of 1
J. Keane
7/28/81

Status of Review on Borated Water Storage Tank

Outstanding
(From May 5, 1981
meeting)

CPCo to document the soil parameters (soil spring constants used in dynamic analysis & their basis for this selection. COE feels the adopted 340 ksf value is too high & lower values should be used to have better comparison between measured & computed settlements

H. Singh's notes
on May 5, 1981
Meeting

May be need for revised finite element ^{analysis} to design ring beams to account for new stiffness of double rings, transfer of shear from cracked beam to new beam and to check compatibility of deflections between beam & ^{joint} soils which is necessary to accurately compute max. bending moment

COE Apr. 16, 1981
ltr. Rpt.

Address primary & secondary consolidation. Loading w/ water may not be adequate to reach secondary consolidation. Plate load tests are not appropriate

Determine F.S. against bearing capacity type failure