

J. Kane

WISCONSIN PROJECT
SAFETY & LICENSING DEPARTMENT

Copies To:

TELECON RECORD

Date 8/25/81

5/27/81

Participants

Company

Tony Capucci
Dennis Budzik
Bill Cloutier
Harvey Slager

NRC
Consumers Power
Consumers Power
Consumers Power

TJS X
JEB X
DMB X
BLH
LSG
JWC X
GSK X
HWS X
RWH X

SUBJECT: Underground Piping

Copies To:

File 0485.16
UFI: 00234(S
71*01

DISCUSSION:

The NRC returned the call they committed to in our earlier telephone conference dated 8/10/81. The subject of this call was the staff position on our possible solution to the piping settlement by demonstrating the integrity of the pipe. Tony stated that the ISI approach we discussed in our earlier telecon was acceptable to the staff. Their chief concern is that we maintain the functional capability of the pipe.

When we proposed our solution to the staff, Tony had several questions the staff would like to discuss.

1. Why has the analytical solution been a problem for us?
2. Discuss the feasibility of the demonstration solution and define the acceptance criteria.
3. Discuss the plasticity of the pipe and why or why not it is a concern.
4. ETEC would like us to address the overburden loads due to railroads and roadways. This is a function of the soil properties and what is considered deep pipe vs shallow pipe.
5. Tony agreed that the settlement analysis was separate from the seismic analysis as described in the ASME Code. This does not require the stress calculations to be combined. He did have some concern about the seismic analysis using the pipe profile data we now have. He said the staff would be interested in further discussions of this point at the OL stage of licensing.