

Stephen J. Reynolds

CONOCO

To RB-DLD

Date 1.26.83

ATTACHED IS A REPORT FROM
TRETOLITE ON OUR TARS SAMPLE FOR
FIRESIDE ADDITION TO INCINERATE.

THEY GOT AN UNUSUALLY
LOW Na SAMPLE, 13 ppm, BUT THEY
REALIZE IT'S USUALLY MUCH HIGHER
THAN THAT - AND QUOTED KI-66
USAGE AS SUCH, 100 ppm - 1000 ppm Na.

BESIDES THAT, THEY DID NO
TESTING ON REFRACTORYS OR SUCH.

I THINK WE CAN X ANY FURTHER
WORK ON THIS, AS THE FLY ASH THAT
RESULTS IS MAINLY INSOLUBLE AND WOULD
MESS UP C-901, CARBON BED, ETC. NOT
TO MENTION SOME SOLUBLE STUFF. ATTACHED
ARE SOME NOTES OF MY CONVERSATION WITH
A TRETOLITE GUY ON THE FLY ASH SUBJECT.

CWH 000000712

Stephen J. Reynolds

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To

GARY BOWMAN

Date

26.83

TRETOLITE

314-961-3500

ASSUME WORST CASE:

1000 ppm Na - 1.8 GAL KI-66 / 1000 GAL

TAPS

KI-66 - 9.5 #/GAL = 17.1 # KI-66 / 1000 GAL

TAPS

AFTER INCINERATION:

KI-66 ONLY (IF TOTAL CONV. TO OXIDES
WHICH ARE INSOLUBLE)

ASH COMPOSITION: (~ 1 micron size)

7.7 # MgO

2.2 # SiO_2

2.4 # Al_2O_3

WITH ADDITIONAL Na: 13.5 # Na_2O

TOTAL ~ 18.8 # / 1000 GAL TAPS.

ASSUME 50% INTO COOL (REST IN DUX + TUBES)

ALSO SOLUBLE COMPOUNDS PRESENT:

$AlCl_3$ $MgCl_2$ $NaCl$

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