

DOCKET # 40-8027

- Notes of Meeting with Ken-McGee
Nuclear Corporation at UFG Plant
Gore, Oklahoma 9-28-76.

J.W. Cray, Mgr of Conversion Engineering, Gore OKla
Gerald J. Linky, Coordinator - Radiation Health & Safety, OKla City
Burnell E. Brown, Sequoyah Facility Manager, Gore, OK.
Morgan, T. V.S. Nuclear Regs, OKla City, Okla.
John Carner, Env. Chemist, K-M Nuclear, OKla City
C. G. Moschard, Mgr. H. P. and Industrial Safety
of Shalex Air Reg & Control
Frank J. Will, NRC Fuel Process Systems Standards Washington D.C.
J.E. Rathfleurich, USNRC Licensing, Washington D.C.
B. Martin (NRC)

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755-0707

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5. ^{F. Witt}
● NRC will check on acceptability of using combination
(MSA 88182)
charcoal-particulate respirators in noxious fume
and radioactive contaminated areas.

Ken-McGee will modify the license application to report findings of in-vivo program as completed, along with a commitment as to their future ^{proposed} ~~in-vivo~~ in-vivo bio assay program.

1. NKL (Rothfleck) and Ken McFee discussed general questions and issues involving the Ken McFee application for renewal. Their general questions are a first, preliminary ~~to~~ level of review. NKL (Rothfleck) stated that NKL felt that it is important to get these preliminary questions out to Ken McFee early so that they could be working on them. These questions are attached.

2. Ken McFee (Shelly) agreed to respond in a timely fashion to aid and expedite NKL review. Shelly stated answers would be available in 6 weeks.

6th. NKL (Nashin) stated that NKL was interested in expeditiously completing the review ~~and~~ of the Ken McFee Sigoyah application. NKL is planning to apply considerable resources to

complete this job in a timely manner. MacKen further stated that to do this it was imperative that Ken Mc Gee respond quickly to comments, questions, etc. and to ensure that just class technical work is applied.

Ken Mc Gee (B. Brown and M. Nore) stated that Ken Mc Gee would ~~suggest the effort~~. ensure that adequate resources are applied to ensure timely actions in completing the review.

Raffinate Disposal

(3.)

Raffinate Disposal

The problems of raffinate disposal were discussed by Mr. Craig ^{Wm} Jack Martin-NRC, Morgan Moore-KA and Henry Binder. The proposals for use of treated raffinate as fertilizer have been requested in license amendment 5, 6, 7 of SUB 1010. The opinion of Ken McBee is that there are no significant harmful effects to the environment and that sufficient information has been presented.

Ken McBee ^(Moore, Craig) stated that the current thinking on waste disposal at the Sequoyah site was as follows:

- (a) Uranium ^{radium} bearing and thorium bearing sludges would be appropriately packaged and returned to the uranium mill for further extraction of the uranium.
- (b) Radium would be removed from the liquid raffinate so that the resulting ammonium nitrate would have very low radium concentrations. Currently this is resulting in radium concentrations of about 10% of drinking water allowables.
- (c) The treated raffinate would then be used as fertilizer on Ken McBee land and woods at the Sequoyah site. This would be done ~~as~~ although Ken McBee ~~feels~~ considers that the treated raffinate meets all requirements for unrestricted agricultural use, it would be restricted to use on non crop and non grazing land.

such that it would not enter the food chain.

NRC (Martin) stated that NRC would evaluate this approach and ~~staff~~ expedite the review process through the appropriate process (EPA, etc). NRC stated that it would need information that addressed the buildup of nuclides in the soil etc, if any, such that the question ^{is acceptable} ~~is~~ the condition of the site at decommissioning is can be evaluated and agreed to. This would include any monitoring to show that actual buildups, if any, were consistent with projections.

Ken McGee (Craig) stated that much of the information (including projected buildups and results from 3 years of test plots) was available.

NRC and Ken McGee will evaluate and determine what additional info

is needed.

NRC - 9-28-76

B. Martin

B. Brown

9/28/76

W. Shalley

9/28/76