

CONVERSATION RECORD

TIME: 4:15 pm

DATE: 12 /10 /01

TYPE: - VISIT - CONFERENCE TELEPHONE INCOMING
- OUTGOING

PERSON(S) CONTACTED: Jimmy Wingfield

ORGANIZATION: Schreiber & Associates

LICENSE NO. NA

DOCKET NO.

TELEPHONE: 423-283-4823

SUBJECT: Groundwater natural and fuel-facility related contaminants

SUMMARY

This call was transferred to me by Ken Clark, Office of Public Affairs.

Mr. Wingfield is a consultant and has taken groundwater samples for a client who has property 600 to 1000 feet away from a fuel facility, and downgradient.

Mr. Wingfield has water sample analyses which indicate :

| | | |
|--------------------|------------------------|------------------------|
| 233/4 U - 24 pCi/L | 238 Pu - 1-2 pCi/L | 238 Th - 2-5 pCi/L |
| 235/6 U - 1 pCi/L | 239/240 Pu - 2-4 pCi/L | 230 Th - 3 - 75 pCi/L |
| 238 U - 5 pCi/L | | 232 Th - 0.5 - 1 pCi/L |

99 Tc - 75-95 pCi/L

Mr. Wingfield asked the following questions: Which of the above are not naturally occurring? And, Which could be expected downgradient from a fuels facility?

After talking with W. Gloerson of the Fuels Facility Branch, I contacted Mr. Wingfield on December 11, 2001 and told him the following: 99Tc ; and the Plutonium are not naturally occurring and would not be expected at all.

ACTION REQUIRED

Check with Fuels Facility Branch for answers to the specific questions, tell individual.

NAME OF PERSON DOCUMENTING CONVERSATION:

David J. Collins

SIGNATURE: _____ RA _____

DATE: December 11, 2001 _____

ACTION TAKEN

Discussed with W. Gloerson, called Mr. Wingfield and answered his questions.

SIGNATURE: _____ RA _____

TITLE: Health Physicist, Materials Licensing/Inspection Branch 2

DATE: December 11, 2001 _____

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