
CONVERSATION RECORD

TIME | DATE

2/2/07

☐ VISIT☐ CONFERENCE☒ TELEPHONE☐ INCOMING☒ OUTGOING

NAME OF PERSON(S) CONTACTED OR IN CONTACT

ORGANIZATION (OFFICE, DEPT. ETC.)

TELEPHONE NO.

Rusty Barrett, Technical Service Manager

Sentinel

1-800-225-1383

SUBJECT

Question about Sentinel Model TCN799 collimator

SUMMARY

Question: If a radiographer held the guide tube at the point where it connects to the Sentinel Model TCN799 collimator (4.3 HVL) with a source in the collimator, would the radiographer's fingers be shielded by the collimator?

Answer: You cannot assume 4.3 HVL shielding and should assume no collimator shielding for radiation to the fingers because there would only be about 1/8 inch between the outer diameter of the guide tube (where the fingers are) and the inner diameter of the guide tube (where a radiation beam exists that is unshielded from the collimator). However, Sentinel has not done exposure rate measurements at the point of interest.

ACTION REQUIRED

Place in ADAMS.

Briefed the MIB Chief

NAME OF PERSON DOCUMENTING CONVERSATION

SIGNATURE

DATE

Bob Gattone

Robert D. Gattone, Jr.

2/2/07

ACTION TAKEN

SIGNATURE

TITLE

DATE