

## CONVERSATION RECORD

TIME | DATE 1/11/17

VISIT

CONFERENCE

X TELEPHONE

0 INCOMING  
X OUTGOING

NAME OF PERSON(S) CONTACTED OR IN CONTACT

ORGANIZATION (OFFICE, DEPT. ETC.)

TELEPHONE NO.

Sue Langhorst, RSO

Washington University in St. Louis

314-362-2988

## SUBJECT

Periodic Contact (License No. 24-00167-11, Docket No.: 03002271)

## SUMMARY

Organization/Staffing Changes: None

New Processes/Activities: The licensee will soon start using Ga-68 and Lu-177 (associated with Ga-68). Sue will retire at the end of 2017. The licensee has an amendment in for getting an Elekta Icon gamma knife that features CT imaging.

Events: None

Medical Administration Deviations from Prescriptions: A Y-90 microspheres administration deviated from the written directive. X-ray contrast was injected and it went to the left lobe of the liver (treatment site) prior to administration of the Y-90 microspheres. The licensee administered the Y-90 microspheres to the patient. One week after the administration, the licensee used PET to image the patient and noted the Y-90 microspheres went to the patient's right lobe of the liver. The licensee determined that there was no medical event based on new medical event criteria guidance.

Radium-223 was being injected into a patient when the licensee noted extravasation. As a result, the licensee terminated the administration. The Teleconference Meeting of the Advisory Committee on the Medical Use of Isotopes Meeting Summary Dated December 18, 2008, states that "The Commission does not consider extravasation to be a misadministration", in part, because extravasation is virtually impossible to avoid. In addition, the inspector consulted a member of the NRC's Medical Team who confirmed that the Commission still does not consider extravasation to be a misadministration.

Major Spills: NoneFires: NoneLoss: NoneTheft: NoneFloods: NoneOther: The licensee's Decommissioning Funding Plan was completed.

---

ACTION REQUIRED

The inspector requested the RSO to provide records regarding the aforementioned Y-90 microspheres administration to provide details on why the licensee determined that the administration did not result in a medical event as defined in 10 CFR Part 35.

---

NAME OF PERSON DOCUMENTING CONVERSATION

Bob Gattone

SIGNATURE

1 Robert B. Gattone, Jr.

DATE

1/11/17

---

ACTION TAKEN

SIGNATURE

TITLE

DATE