

CONVERSATION RECORD

TIME DATE 7/10/14

VISIT

CONFERENCE

X TELEPHONE

X INCOMING

0 OUTGOING

NAME OF PERSON(S) CONTACTED OR IN CONTACT

Scott Brower, RSO

ORGANIZATION (OFFICE, DEPT. ETC.)

Mid-America Isotopes, Inc.

TELEPHONE NO.

573-657-1776

SUBJECT

Follow-Up on Non-Conservative Calibration Factor for Air Sample Radioactivity Calculations

SUMMARY

In response to the finding that was discussed yesterday regarding the licensee's use of a non-conservative calibration factor of 1.33 to determine the I-131 radioactivity on air samples, the RSO provided the following information:

The RSO confirmed that he had revised the applicable calculation to apply a calibration factor of 1.0 instead of 1.33. In addition, he multiplied the air sampling result data times 1.33 for 2012, 2013, and 2014 (to date), and determined that the annual average I-131 concentrations released to the unrestricted area were 5.55%, 3.77%, and 2.32% of the annual regulatory limit, respectively. The data provided indicates that the licensee did not miss exceeded constraints on air emissions (referenced in 10 CFR 20.1101(d)) as a result of using a non-conservative calibration factor of 1.33 to determine the I-131 radioactivity on air samples.

ACTION REQUIRED

NAME OF PERSON DOCUMENTING CONVERSATION

Bob Gattone

SIGNATURE

Robert D. Gattone, Jr.

DATE

7/10/14

ACTION TAKEN

SIGNATURE

TITLE

DATE