

U.S. NUCLEAR REGULATORY COMMISSION

Date: April 20, 2006

TELEPHONE CONVERSATION RECORDS

Time: 4:10 PM

Mail Control 470933
or Report No(s):

License No.: 42-09388-01 Docket No. 030-06420

Name of Licensee: NASA - Johnson Space Center

Name of Participants: Mary Van Baalen & Dennis Waggett with NASA
Rachel Browder & Tony Gaines with NRC

Telephone Number: 281-483-9998 for Ms. Van Baalen

Subject: Telephone conversation with NASA on authorized use for
irradiator, dtd 04/20/06

(Note: this will be used as the
document title in ADAMS)

Summary: Mary Van Baalen called to inquire if the definition for R&D under 10 CFR 30.4 is acceptable authorization for their intended use for the requested irradiator under Control No. 470933. The licensee specifically asked if the irradiator could be used for R&D of animals, human blood and chromosome analyses. They further explained that they analyze the change in chromosomes of astronauts from space and have established curves for dosimetry calculations, although the dose of record remains the TLD. They have historically used the irradiator at Univ of Baylor. The irradiator in this amendment request is intended to be used for calibration curves for chromosome studies, along with other R&D studies.

Tony agreed that their intended use is still under the definition of R&D in Part 30, because not everyone does this work and they are still verifying and developing curves. Therefore, the requested authorization for R&D will satisfactorily cover their intended use.

Action Required: The licensee will submit their requested authorization as R&D for the use of the irradiator.

Telephone Record generated by: Rachel Browder /RA/ 4/20/06

Document Availability:

SUNSI Review Completed: RSB ADAMS: Yes No Initials: RSB

Publicly Available Non-Publicly Available Sensitive Non-Sensitive

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