

**U.S. NUCLEAR REGULATORY COMMISSION**

Date: 5/09/2006

**TELEPHONE CONVERSATION RECORD**

Time: 4:30 p.m.

Mail Control  
or Report No(s). 138325

License No(s). 29-03845-01

Docket No(s). 03002474

Name of Licensee: The Valley Hospital

Name of Participant(s): Philip A. Sorabella, M.D., Radiation Safety Officer  
Randolph C. Ragland, Jr., NRC Region I

Telephone No. 201-447-8210

Subject: Valley Hospital, NRC Request for Additional Information RE: License  
Renewal  
(NOTE: This will be used as the  
Documents Title in ADAMS)

**Summary:**

I informed Dr. Sorabella that we had additional questions with regard to Valley Hospital's license renewal application and that we were requesting the following additional information:

1) Please update and resend your procedures for daily spot checks required by 10 CFR 35.643 to address the following information:

a) Please describe your procedure for assuring proper operation of the electrical interlocks at the high dose rate remote afterloader (HDR) treatment room door (Reference: 10 CFR 35.643(d)(1)).

b) Please describe your procedure for assuring proper operation of the source exposure indicator lights on the remote afterloader unit, the control console, and in the facility (Reference 10 CFR 35.643(d)(2)).

c) Please describe your procedure for assuring proper operation of HDR timer accuracy and specify the acceptance criteria used (Reference 10 CFR 35.643(d)(6)).

d) Please describe your procedure for comparing the decayed HDR source activity to the activity in the units computer and list the acceptance criteria used (Reference 10 CFR 35.643(d)(8)).

2) Please confirm that if spot-checks indicate the malfunction of any system, you will lock the HDR control console in the off position and not use the unit except as may be necessary to repair, replace, or check the malfunctioning system (10 CFR 35.643(e)).

3) Step 10 of your HDR Daily QA Check List indicated that you would perform a background radiation reading in the treatment room to compare with the patient measurement after the treatment. You may want to consider also obtaining a survey of the patient prior to treatment to ensure that any diagnostic nuclear medicine studies the patient may have received are also considered in your background radiation evaluation.

4) One of the sealed sources that you requested for your license renewal is listed as Alpha Omega Services Model C10001-801. We could not locate a reference for that source. Please specify the Sealed Source and Device Registry Number for this source.

I also informed Dr. Sorabella that we were requesting a response within 30 days, that he should include on the response Mail Control No. 138325, License No. 29-03845-01, and Docket No. 03002474.

**Action Required:**

Dr. Sorabella stated that The Valley Hospital would generate a response and fax the results to 610-337-5269.

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Prepared & SUNSI Review Completed By:

**/ RA /** R. Ragland

Date: 5/9/2006