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union

HOSPITAL

1606 North Seventh Street
Terre Haute, IN 47804-2780

812-238-7581, Imaging Services

facsimile transmittal

To: USNRC, Region III **Fax:** 630-515-1078

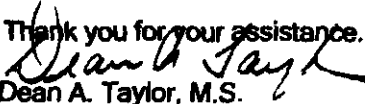
From: Union Hospital (License #13-16457-01) **Date:** 5/15/2008

Re: License Amendment Request of 05/08/08 **Pages:** 2

CC: Rasiklal Ganatra, M.D., RSO **Control #** 317145

Urgent For Review Please Comment Please Reply Please Recycle

Mr. Fletcher, per your phone message today the following information is provided. Union Hospital submitted its most recent license amendment application dated May 08, 2008, requesting that the old radioactive waste store room be released for unrestricted use. One page of the supporting documentation (Removable Contamination Survey Results) was submitted with the incorrect results (a rough draft with results from a past survey was not updated with the current results). The following page has the corrected data and we ask that you substitute this page and discard the same page included in the amendment request. The amendment request has been assigned control # 317145.

Thank you for your assistance.

 Dean A. Taylor, M.S.
 Radiation Safety Consultant
 Union Hospital, Inc.
 812-238-7184

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DECOMMISSIONING SURVEY FOR RADIOACTIVE CONTAMINATION RADIOACTIVE WASTE STORE ROOM - UNION HOSPITAL, INC. REMOVABLE CONTAMINATION SURVEY RESULTS			
Date: Apr 11, 2008	Instrument: Well Counter (NaI well-drilled crystal detector)		
Background Readings	Initial: 219 cpm ± 14.8cpm	Final: 169 cpm ± 13.0cpm	
Cs-137 Source Test Measurement	84.0 nCi Calculated		88.3 nCi Measured
%Deviation = -1.2%	% Energy Deviation = 1.7%	Gain Reference = 009 ± 0.67	
Response Ratio Ch1/(Ch4+Ch5) = 2.80		Measured as = 0.92	Deviation = -0.7%
Wipe Sample ID	Test Analysis by Isotope in Net dpm (half-life in hours)		
	Tc-99m (6.01h)	Ga-67 (78.2h)	I-131 (193.2h)
A West Wall	3.33 dpm ± 7.77 dpm	-13.75 dpm ± 25.83dpm	-51.84 dpm ± 29.31 dpm
B North Wall	7.77 dpm ± 8.08 dpm	20.00 dpm ± 26.63 dpm	-30.72 dpm ± 29.99 dpm
C East Wall	8.88 dpm ± 8.16 dpm	-57.50 dpm ± 24.75dpm	-80.64 dpm ± 28.35 dpm
D South Wall	8.88 dpm ± 8.16 dpm	-23.75 dpm ± 25.59 dpm	-82.56 dpm ± 28.28 dpm
E SW Quadrant Floor	-2.22 dpm ± 7.36 dpm	-23.75 dpm ± 25.59dpm	-51.84 dpm ± 29.31 dpm
F NW Quadrant Floor	-3.33 dpm ± 7.28 dpm	1.25 dpm ± 26.19dpm	-53.76 dpm ± 29.24 dpm
G NE Quadrant Floor	12.21 dpm ± 8.38 dpm	-41.25 dpm ± 25.16dpm	-48.00 dpm ± 29.43 dpm
H SE Quadrant Floor	-2.22 dpm ± 7.36 dpm	-22.50 dpm ± 25.62dpm	-72.96 dpm ± 28.61 dpm
I Room Center Floor	12.21 dpm ± 8.38 dpm	-26.25 dpm ± 25.53dpm	-32.64 dpm ± 29.93 dpm
J Interior Door Surface	7.77 dpm ± 8.08 dpm	-17.50 dpm ± 25.74dpm	-61.44 dpm ± 28.99 dpm
K Vestibule Floor	8.88 dpm ± 8.16 dpm	-22.50 dpm ± 25.62dpm	-40.32 dpm ± 29.68 dpm
L Background Wipe	-2.22 dpm ± 7.36 dpm	-45.00 dpm ± 25.06dpm	-76.80 dpm ± 28.48 dpm
	FINAL RESULTS	Control # 317145	License #13-16457-01
Comment: No removable contamination was expected. This assumption was supported by the wipe analysis produced no readings exceeded 50 pCi net activity. No remedial action is indicated.			