



July 31, 2009

LICENSING ASSISTANCE TEAM
DIVISION OF NUCLEAR MATERIALS SAFETY
U.S. NUCLEAR REGULATORY COMMISSION REGION 1
475 ALLENDALE ROAD
KING OF PRUSSIA, PA 19406-1415

Br-1

2009 AUG - 3 PM 12:22

RECEIVED
REGION 1

RE: License No. 47-25358-01

Docket No. 030-34138

To Whom It May Concern:

Please accept this letter as notification that we are currently in the process of relocating our Nuclear Medicine Department. The department is currently located on the first floor.

We are requesting to move our imaging room and stress room to a newly renovated area of the hospital which is currently under construction. Attached to this request are the floor plans for the new area. Since the relocation is not finalized, some areas and details are subject to change. We will notify you with any changes to the layout.

A letter requesting decommission of the current room will follow with documentation of an exit survey done in the old department once all QA sources are relocated, as well as a new survey of the new department with all QA sources in place showing that exposure rates in uncontrolled areas are less than 100mrem/year and do not exceed 2 mrem/hour. Please feel free to contact us with any suggestions or concerns.

Thank you for your attention to this matter.

Todd Hubler
CEO
Williamson Memorial Hospital

143990

NMSS/RGN1 MATERIALS-002

BLUEGRASS RADIOLOGICAL PHYSICS, INC.

Medical Nuclear and Diagnostic

*Guy H. Simmons, Ph.D.
Travis Painter, M.S.
Brett Strassner, M.A.
365 Waller Avenue, Suite 200
Lexington, Kentucky 40504
Phone 859-252-1122
Fax 859-381-0322*

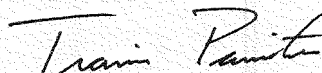
June 17, 2009

Jeff Freeman
Williamson Memorial Hospital
859 Alderson Street
Williamson, WV 25561

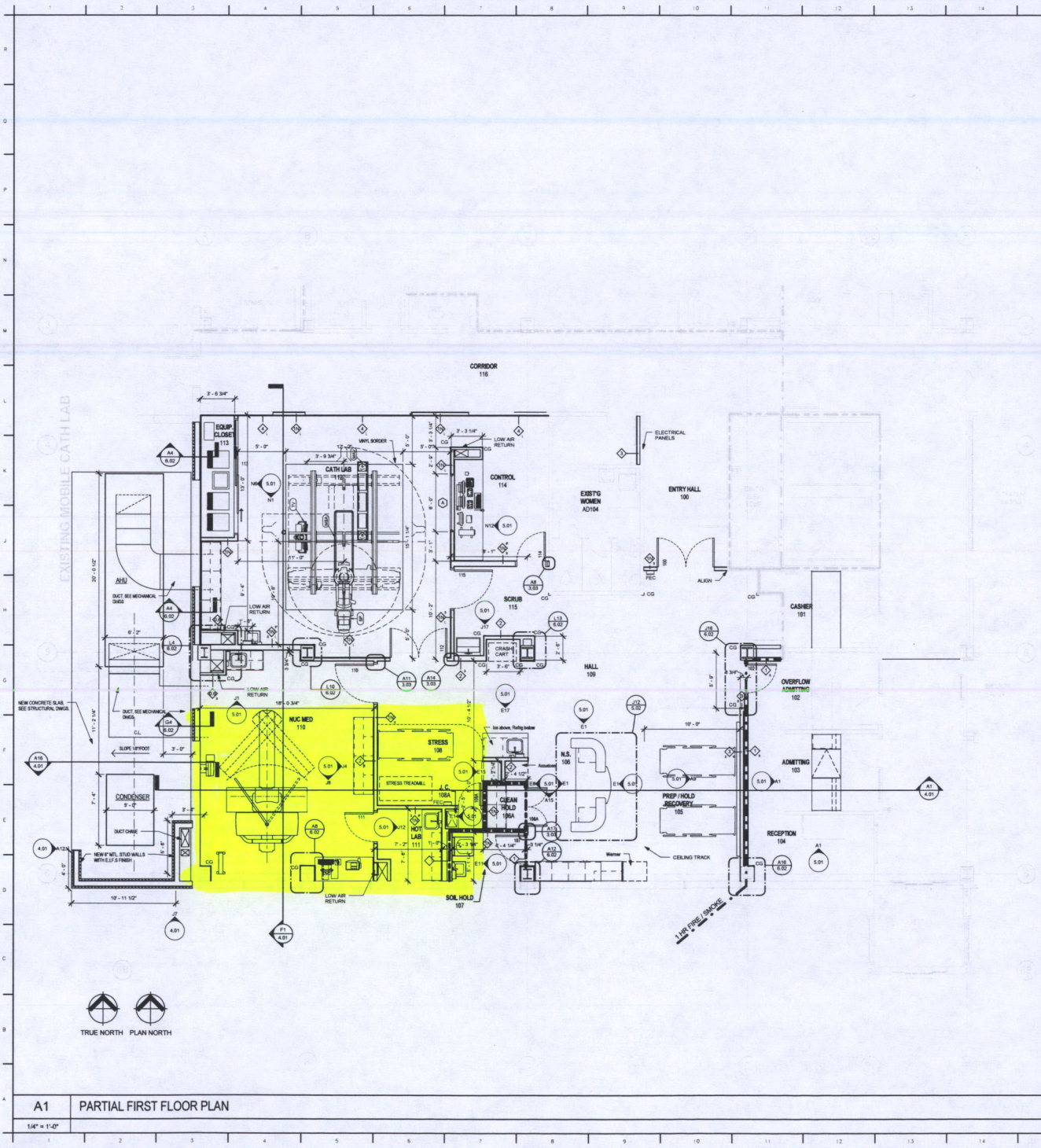
Dear Mr. Freeman

This letter is in reference to your inquiry about shielding the new nuclear medicine area that is proposed under your current plans for renovation. In general, nuclear medicine installations that handle your volume of patients do not require any shielding in the department. Rather, the QA sources themselves are shielded in their native lead containers and patient doses are shielded in their shipping containers until use. As long as this condition is maintained, as it is in your current department, there should be no public or personnel exposure issues to be concerned with. If you need further information, please let me know.

Sincerely,

A handwritten signature in dark ink, appearing to read "Travis Painter". The signature is fluid and cursive, with the first name "Travis" and last name "Painter" clearly distinguishable.

Travis Painter, M.S., ABR



K15 GENERAL CONSTRUCTION NOTES	
1/8" = 1'-0"	
<p>LEAD SHIELDING DESIGN BY: BILLY REED, RADIATION PHYSICS 380 WALLER AVE., SUITE 308 LEXINGTON, KY 40504</p> <p>1. ALL LEAD DOORS, WINDOWS AND FRAMES SHALL HAVE THE SAME LEAD REQUIREMENTS AS THE ADJACENT WALLS. SPECIAL ATTENTION SHOULD BE GIVEN TO THE DESIGN OF THE SHIELDING OF BOTH THE DOOR FRAME AND THE DOOR.</p> <p>2. ALL OPERATING CONTROL PANELS OR VIEWING WINDOWS SHALL HAVE 1/2" LEAD SHIELDING THAT INCLUDES 1/2" EQUIVALENT LEADENED WINDOW.</p> <p>3. ALL LEAD SHIELDING SHALL EXTEND ONLY TO 7'-6" ABOVE FLOOR LEVEL. LEAD SHIELDING EXTENDING HIGHER THAN 7'-6" WILL INTERFERE WITH HOSPITAL COMMUNICATIONS AND SHALL NOT BE ACCEPTABLE.</p> <p>4. ALL LEAD PARTS SHALL CONTACT WITH AN OVERLAP OF NOT LESS THAN 1/2" AND ON THE THICKNESS OF THE SHEET. SHEET METAL IS ONE (1) METRIC OR IMPERIAL LEAD STRAP ARE BATTERYPROOF IF THE LEAD EQUIVALENCY OF THE STRAPS IS NOT LESS THAN THAT REQUIRED BY THE BARBER.</p> <p>5. ALL OUTLETS SUCH AS ELECTRICAL, OUTLETS, WORKSITES FOR LOCKETS, LIGHT SWITCHES, ELECTRICAL WALL OUTLETS SHALL BE PROTECTED WITH THE SAME LEAD EQUIVALENCY AS THE SURROUNDING WALL.</p> <p>6. SHIELDING FOR OVERHEAD AND FLOOR MOUNTED CALCULATED AND DETERMINED THAT THE NORMAL FLOORING CONSTRUCTION IS SUFFICIENT TO PROVIDE ADEQUATE PROTECTION.</p> <p>7. ALL SHIELDING INSTALLED SHALL BE INSPECTED AND IT'S INTEGRITY CERTIFIED BY A QUALIFIED MEDICAL PHYSICIST PROVIDED BY THE OWNER. THIS WILL BE PERFORMED BEFORE FINISHED SURFACES OF THE SHIELDING BARRIERS ARE COMPLETED AND PRIOR TO INSTALLATION OF THE HEAVY EQUIPMENT.</p> <p>8. ALL LEAD DOORS SHALL BE PORTED WITH BOMB READING "CAUTION-RAVING AREA".</p> <p>9. LEAD SHIELDING SHALL BE CONTIGUOUS SHIELDING LOW RETURN AIR DUCTS AND ENCLOSURES.</p>	
<p>1. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND FIELD CONDITIONS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES OR POTENTIAL CONFLICTS PRIOR TO CONSTRUCTION.</p> <p>2. THIS BUILDING IS EQUIPPED WITH A FIRE SPROWLER SYSTEM. THE SPROWLER SHALL BE DESIGNED AND INSTALLED BY A LICENSED SPROWLER CONTRACTOR AND INSTALLED IN ACCORDANCE WITH APPLICABLE CODES.</p> <p>3. DIMENSIONS INDICATED ON THESE DRAWINGS ARE TO FACE OF STUD OR FINISH FACE OF EXISTING PARTITIONS, UNLESS NOTED OTHERWISE.</p> <p>4. CONTRACTOR SHALL METALLICALLY ASSEMBLIES IN ACCORDANCE WITH FIRE RESISTANCE RATINGS INDICATED ON DRAWINGS.</p> <p>5. WHERE NEW CONSTRUCTION JOINS EXISTING SURFACES MATCH AND ALIGN NEW FINISHES WITH THE EXISTING.</p> <p>6. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VISUALLY VERIFY CONFORMANCE OF ALL EXISTING PARTITIONS FOR CONFORMANCE WITH LOCAL, FIRE AND BUILDING CODES AND THE U.S. OR U.S. OPTIMUM DESIGN AS INDICATED IN THESE CONSTRUCTION DOCUMENTS.</p> <p>ADDITIONAL FIRE DAMPERS, CALULING, PATCHING OF HOLES, INSTALLATION OF COLLARS OR OTHER RELATED WORK REQUIRED BY THE FIRE OFFICIAL TO MAINTAIN FIRE SEPARATION SHALL BE INCLUDED IN THE WORK.</p> <p>7. GEN. CONTR. TO FIELD CORRO. AND PROVIDE WOOD BULKIES WHERE BULKIES FOR ACCESSIBLE WALLS ARE NOT LIMITED TO GRAB BARS, CRASH BARS, UPPER WALL CABINET LOCATIONS, ETC. ALL CONCEALED WOOD BULKIES TO BE FIRE RETARDANT TREATED.</p> <p>8. G.C. SHALL FIELD CORRO. AND PROVIDE GYP. RD. & WPL. STUD FRAMING REQUIRED TO ENCLOSE ALL STRUCTURAL AND MEPPY ITEMS TO BE CONCEALED IN PARTITIONS.</p> <p>9. CONTRACTOR TO COMPLETE THE WORK SUCH THAT THE HOSPITAL REMAINS FULLY OPERATIONAL DURING CONSTRUCTION WORK. HOSPITAL PARTITIONS, STAFF AND OPERATIONS MUST BE PROTECTED AND NOT BE HINDERED DURING CONSTRUCTION PROCEDURES.</p> <p>10. CONTRACTOR TO COORDINATE WITH WILLIAMSON MEMORIAL HOSPITAL, HEALTH MANAGEMENT ASSOCIATES, AND ARCHITECT TO PROVIDE 1-1/2" FIRE RATED INTERIOR WALLS THAT WILL PROTECT AND MAINTAIN LIFE SAFETY AND EGRESS REQUIREMENTS OF THE FACILITY.</p> <p>11. CONTRACTOR TO COORDINATE WITH WILLIAMSON MEMORIAL HOSPITAL, HEALTH MANAGEMENT ASSOCIATES, AND ARCHITECT TO PROVIDE 1-1/2" FIRE RATED INTERIOR WALLS THAT WILL PROTECT AND MAINTAIN LIFE SAFETY AND EGRESS REQUIREMENTS OF THE FACILITY.</p> <p>12. CONTRACTOR TO COORDINATE WITH WILLIAMSON MEMORIAL HOSPITAL, HEALTH MANAGEMENT ASSOCIATES, AND ARCHITECT TO PROVIDE AND MAINTAIN AN EXISTING HOSPITAL FIRE ALARM, FIRE SPROWLER, NURSE CALL, MEDICAL GAS, COMMUNICATION AND MPE SYSTEMS.</p> <p>13. MODIFICATIONS AND CONNECTIONS TO EXISTING SYSTEMS SHALL NOT CAUSE DEATH DURING CONSTRUCTION. THE PERIOD DURING CONSTRUCTION THAT WILL CAUSE LIFE SAFETY PROBLEMS OR RISKS OF ANY TYPE, IF FIRE ALARM OR SPROWLER SYSTEM IS OUT OF SERVICE, FOR ANY EXTENDED PERIOD OF TIME (I.E. GREATER THAN FOUR HOURS) THEN A FIRE WATCH SHALL BE INSTALLED.</p>	

HHCP Architecture, Inc.
380 Waller Ave., Suite 308
Lexington, KY 40504
F 607-875-2222 F 607-455-0811 HHC@hcm.com

Williamson Memorial Hospital
Health Management Associates, Inc.
850 Alderson Street
Williamson, WV 25601

CATH LAB & NUCLEAR MED
CAMERA RENOVATION

SDI
STRUCTURAL
ENGINEERING

Smith Inc. | Orlando
2001 Westview Lane
Maitland, FL 32751
407.860.0088 | fax
407.860.1555

Revisions		
No.	Date	Description

Issued for: Date: _____

☒ 30 PERMIT 1-20-20
☐ Q
☐ Q
☐ Q
☐ Q

Project No.: 3150-01 Project Coord.: 58
 Drawn By: 56/DCS Project Mgr.: DS
 CAD File Name: 3150-Wahl Cath Lab.rvt

Drawing Title
FIRST FLOOR ENLARGED PLAN

Scale: W/ 3400 Drawing No.: **2.07**
 Date: 8/15/2009 2:37:36 PM

This is to acknowledge the receipt of your letter/application dated

7/31/2009, and to inform you that the initial processing which includes an administrative review has been performed.

☒ AMEND. 47-25358-01
There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

☐ Please provide to this office within 30 days of your receipt of this card

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned **Mail Control Number** 143990.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.

NRC FORM 532 (RI)
(6-96)

Sincerely,
Licensing Assistance Team Leader