



Westinghouse Electric Company LLC  
Hematite Decommissioning Project  
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Our ref: HEM-14-39  
Date: April 15, 2014

Subject: Hematite Decommissioning Project - Resume for Interim Change in Hematite  
Radiation Safety Officer (License No. SNM-00033, Docket No. 070-00036)

References: 1) Hematite License No. SNM-33, Amendment 64, as approved by NRC  
(Persinko) letter to Westinghouse (Richardson), dated March 11, 2014,  
Approval of Revision Dated September 11, 2013 to the Physical Security  
Plan for the Westinghouse Hematite Decommissioning Project and Issuance  
of Hematite Amendment No. 64 (ADAMS Accession No. ML114017A270)

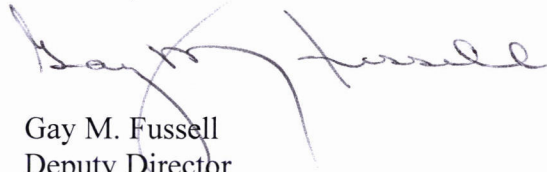
License Condition 15 of Hematite License No. SNM-33 (Reference 1) incorporates by reference the Decommissioning Plan (DP) for the Hematite Decommissioning Project (HDP), and the resolutions to requests for additional information (RAIs) from the U.S. Nuclear Regulatory Commission (NRC). Section 9.3 of the DP, after RAI resolutions, requires HDP to submit a notification with 30 days of a change in the individual serving in the position of Radiation Safety Officer (RSO). The notification shall include a summary of the new individual's experience, qualifications and an evaluation verifying the minimum requirements for the position are met.

On April 1, 2014, Westinghouse Electric Company LLC (Westinghouse) assigned Mr. W. Clark Evers as the HDP Interim RSO.

Mr. Evers has served as the Health Physics Supervisor and Acting RSO at HDP. Attachment 1 contains Mr. Evers' experience and qualifications and Attachment 2 contains an evaluation verifying that his experience and qualification meet the minimum requirements for the RSO.

Should you have questions or need any additional information please contact Dennis Richardson, Licensing Manager, at (314) 810-3376.

Sincerely,

A handwritten signature in blue ink, appearing to read "Gay M. Fussell", is written over a circular stamp that is partially obscured by the signature.

Gay M. Fussell  
Deputy Director  
Hematite Decommissioning Project

Attachments: 1) Resume of W. Clark Evers  
2) Evaluation of Experience and Qualifications of W. Clark Evers to Satisfy  
Hematite License Requirements for Radiation Safety Officer

cc w/Attachments:

J. J. Hayes, NRC/FSME/DWMEP/DURLD/MD  
M. M. LaFranzo, NRC Region III/DNMS/MCID  
J. W. Smetanka, Westinghouse

**ATTACHMENT 1**

**Resume of W. Clark Evers**

**Westinghouse Electric Company LLC, Hematite Decommissioning Project**

**Docket No. 070-00036**

**W. Clark Evers, RRPT**

**Education / Training**

B.S., 2003, Radiation Physics, Eastern Illinois University  
OSHA 40 HAZWOPER  
HAZWOPER Supervisor Certificate  
Canberra Basic ISOCS Measurements Certificate

**Professional Registrations:**

National Registry of Radiation Protection Technologists, RRPT, 2008  
Completion of Certified Health Physicist Part I Examination, 2013

**Employment Summary:**

Health Physics Supervisor, Westinghouse Hematite Decommissioning Project, 1/2012 – present.  
Health Physicist, Westinghouse Hematite Decommissioning Project, 12/2007 - 1/2012.  
Radiation Protection Manager, St. Louis FUSRAP Sites, 4/2006 – 12/2007.  
Lead Health Physics Technician, Jefferson Proving Grounds 9/2006 – 11/2007.  
Health Physics Technician, Lackland Air Force Base 3/2007 – 6/2007.  
Independent Auditor, University of Missouri St. Louis 6/2006 – 12/2007.  
Health Physics Consultant, Stoller-Navarro 7/2007.  
Health Physics Technician, Kincheloe Air Force Base 5/2007.  
Health Physics Technician, St. Louis FUSRAP Sites, 10/2005 – 4/2006.  
Health Physics Technician, Westinghouse Hematite Uranium Fuel Cycle Facility, 6/2003-10/2005.

**Computer and Instrumentation Proficiency:**

GPS and Civil Survey Equipment  
HPGe Calibration and Operation  
ISOCS Modeling  
Genie 2000 Software  
Electronic Dosimetry  
Tennelec Calibration and Operation

**Experience Summary:**

**Health Physics Supervisor, Westinghouse Hematite Decommissioning Project**

Responsible for maintaining radiological conditions in accordance with site NRC license. This includes the responsibility of overseeing all activities where unknown quantities of radioactive materials were exhumed, and ensuring that all materials were safely removed, containerized, and analyzed using NDA. Responsible for supervising field work, ensuring compliance to approved procedures and work packages to all elements of the Radiation Protection Program. Reviewing and approving all ISOCS measurements and data quality. Operation and surveillance of the Criticality Alarm System. Serve as the Acting Radiation Safety Officer during the absence of the RSO.



**Health Physicist Westinghouse Hematite Decommissioning Project**

Responsible for the development, review and revision of Health Physics Procedures and Radiation Work Permits. Performing pre-job ALARA evaluation and personnel exposure estimates. Performing DAC-hr tracking of personnel internal exposure. Development of project specific work plans, and procedures for gamma spectroscopy analysis, environmental sampling, waste disposal, and contaminated equipment removal.

**Radiation Protection Manager, St. Louis FUSRAP Sites**

Served as Radiation Protection Manager, working directly for the RSO. Responsible for the implementation of the Radiation Protection Plan. Developed Dose & Risk assessment plans for client sites. Responsible for reviewing and approving all radiation work permits, radiological surveys, and environmental air samples.

**Lead Health Physics Technician, Jefferson Proving Grounds**

Performance of Gamma-Walkover verification surveys of former DU ammunition firing range. Responsible for providing Health Physics coverage to field crew. Responsible for regular interaction with site regulator Indiana Fish and Wildlife Service, to ensure all client needs are met. Responsible for overseeing instillation of site monitoring wells. Responsible for maintaining radiological conditions in accordance with site NRC license. Responsible for safe performance working around Unexploded Ordinance.

**Health Physics Technician, Lackland Air Force Base**

Performed Gamma-Walkover verification surveys of decommissioned arms storage bunkers and surrounding areas. Radionuclides of concern were Uranium, Thorium and Radium. Performed verification soil sampling. Responsible for overseeing instillation of site monitoring wells.

**Independent Auditor, University of Missouri St. Louis**

Performed independent audits of the University of Missouri St. Louis Radiation Protection Program. Responsible for evaluating site policies procedures, and making recommendations for improvement. Responsible for auditing employee performance for adherence to procedure as well as good safety practices.

**Health Physics Technician, Kincheloe Air Force Base**

Responded to a request by the Michigan Fish and Wildlife Service to perform verification radiological surveys and evaluate site radiological conditions post decommissioning of the former Nike/Bomarc missile site.

**Health Physics Technician, St. Louis FUSRAP Sites**

Performed Verification surveys of US Army Core of Engineers sites, including Gamma-Walkover surveys, building / structure surveys, and soil, water, and air sampling. Responsible for Radiological Instrument maintenance and calibration.

**Health Physics Technician, Westinghouse Hematite Uranium Fuel Cycle Facility**

Provided HP coverage to personnel performing D&D operations.

## **ATTACHMENT 2**

### **Evaluation of Experience and Qualifications of W. Clark Evers to Satisfy Hematite License Requirements for Radiation Safety Officer**

**Westinghouse Electric Company LLC, Hematite Decommissioning Project**

**Docket No. 070-00036**

Evaluation of Experience and Qualifications of Clark Evers to  
Satisfy Hematite License Requirements for Acting Radiation Safety Officer

I. Introduction

This evaluation compares the experience and qualifications of Clark Evers to the requirements of Hematite License No. SNM-33 for Radiation Safety Officer (RSO). The content of W. Clark Evers' current resume was the primary source used to ascertain his experience and qualifications. Based on the evaluation documented below, it is determined that Mr. Evers' experience and qualifications meet or exceed the requirements of Hematite License No. SNM-33 applicable to an Acting RSO. A copy of his resume is provided in Attachment 1 to this letter.

II. Evaluation

A. License Requirements for Acting RSO Experience and Qualifications

License Condition 15 of Hematite License No. SNM-33 incorporates by reference Section 9.3.5 of the Decommissioning Plan after RAI resolutions. Section 9.3.5 states:

“In general, the RSO will have the knowledge and ability necessary to respond effectively to the radiation safety needs of the HDP. The RSO will have a background of training and experience and a maturity of judgment sufficient to recognize the need for expert assistance at an early stage in the development of potential radiation safety problems involving disciplines outside of his or her area of expertise.”

“At a minimum the RSO will meet the following criteria. An acting RSO shall be designated when the named RSO is not present on-site. The acting RSO shall meet the first three bullets listed below:

- A B.S. in the physical sciences, industrial hygiene, or engineering from an accredited college or university, or an equivalent combination of training and relevant experience in radiological protection. Two years of relevant experience are considered equivalent to one year of academic study. (Required for acting RSO.)
- At least three years of work experience in applied health physics, industrial hygiene, or similar work relevant to radiological hazards associated with site remediation. This experience should involve actually working with radiation detection and measuring equipment. (Required for acting RSO.)
- A thorough knowledge of the proper application and use of health physics equipment used for the radionuclides present onsite, the analytical procedures used for radiological sampling and monitoring, and the methodologies used to calculate personnel exposure to radionuclides present at the site. (Required for acting RSO.)
- Strong skills in written and oral communication and organizational management.
- Previous managerial experience.



B. Evaluation of Experience and Qualifications to License Requirements for RSO

The license requirements applicable to an individual designated as RSO are evaluated against the experience and qualifications documented in Mr. Evers' resume as follows:

- *In general, the RSO will have the knowledge and ability necessary to respond effectively to the radiation safety needs of the HDP. The RSO will have a background of training and experience and a maturity of judgment sufficient to recognize the need for expert assistance at an early stage in the development of potential radiation safety problems involving disciplines outside of his or her area of expertise.*

Based on the attached resume, Mr. Evers has the training background of a Bachelor of Science degree in Radiation Physics from an accredited college. In addition, he has successfully completed the Certified Health Physicist Part I Examination and intends to take the Part II Examination this year. Mr. Evers is National Registry of Radiation Protection Technologist certified. Mr. Evers has over ten years of experience in radiological protection, health physics, and other work relevant to radiological hazards associated with site remediation. During his tenure as Health Physics Supervisor at HDP Mr. Evers served as the Acting RSO for the site having satisfied the minimum requirements for the HDP RSO. Therefore, this license requirement is satisfied.

- *A B.S. in the physical sciences, industrial hygiene, or engineering from an accredited college or university, or an equivalent combination of training and relevant experience in radiological protection. Two years of relevant experience are considered equivalent to one year of academic study.*

The attached resume indicates that Mr. Evers holds a Bachelor of Science degree in Radiation Physics from an accredited college. Therefore, this license requirement is satisfied.

- *At least three years of work experience in applied health physics, industrial hygiene, or similar work relevant to radiological hazards associated with site remediation. This experience should involve actually working with radiation detection and measuring equipment.*

As indicated in his resume, Mr. Evers has over ten years of experience in radiological protection, health physics, and other work relevant to radiological hazards associated with site remediation. His experience at the Hematite Decommissioning Project as a Health Physics Technician, Health Physicist and Health Physics Supervisor provides significant strength in understanding the HDP Radiation Protection Program and addressing program application as it applies to remediation of the site. Therefore, this license requirement is satisfied.

- *A thorough knowledge of the proper application and use of health physics equipment used for the radionuclides present onsite, the analytical procedures used for radiological sampling and monitoring, and the methodologies used to calculate personnel exposure to radionuclides present at the site.*

Mr. Evers in his positions as Health Physics and Health Physics Supervisor has directly participated in the development review and approval of site procedures for health physics



equipment, as well as being responsible for ensuring proper application of the site's health physics equipment by the Health Physics staff. Therefore, this license requirement is satisfied.

- *Strong skills in written and oral communication and organizational management.*

Based on the attached resume, Mr. Evers extensive experience in health physics has involved written and oral communications, including procedures; reports and conduct of training that involve varying organizational levels and contractors. Mr. Evers routinely communicates with regulatory representative during site inspections and visits. Therefore, this license requirement is satisfied.

- *Previous managerial experience.*

Based on the attached resume, Mr. Evers has previous management experience at the HDP when serving as the Acting HDP RSO, Radiation Protection Manager, St. Louis FUSRAP Sites and as the Health Physics Supervisor at HDP. Therefore, this license requirement is satisfied.

### III. Conclusion

Based on the evaluation documented above, it is determined that Mr. Evers' experience and qualifications meet or exceed the RSO requirements of Section 9.3.5 of the Decommissioning Plan incorporated into the Hematite license.