

# Beaumont

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Beaumont Hospital, Wayne  
33155 Annapolis St.  
Wayne, MI 48184

January 14, 2019

United States Nuclear Regulatory Commission  
Region III  
2443 Warrenville Road Ste 210  
Lisle, IL 60532-4351

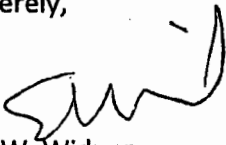
RE: Amendment to NRC License No. 21-11457-02  
RSO Delegation of Authority  
CN 610912

Dear Sir/Madam:

As requested, we have attached the Delegation of Authority letter.

If you have any questions or require additional information, please contact our physics consultant, Cari Dzanbazoff at (734) 662-3197 or fax (734) 662-9224.

Sincerely,



Eric W. Widner  
President  
Beaumont Hospital, Wayne

Enclosures

# Beaumont

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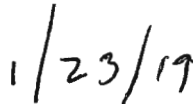
## MEMO

To: Venkat Rudraraju, MD  
From: Eric W. Widner, President  
Date: January 14, 2019  
Subject: Delegation of Authority

You, Venkat Rudraraju, MD, have been appointed Radiation Safety Officer and are responsible for ensuring the safe and secure use of radiation and radioactive material. You are responsible for managing the radiation protection program; identifying radiation protection problems; initiating, recommending, or providing corrective actions; verifying implementation of corrective actions; stopping unsafe activities; and ensuring compliance with regulations. You are hereby delegated the authority necessary to meet those responsibilities, including prohibiting the use of byproduct material by employees who do not meet the necessary requirements and shutting down operations when justified to maintain radiation safety. You are required to notify management if staff does not cooperate and does not address radiation safety issues. In addition, you are free to raise issues with the U.S. Nuclear Regulatory Commission at any time. It is estimated that you will spend 10 hours per week conducting radiation protection activities.

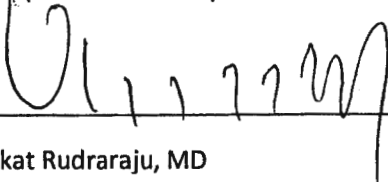


Eric W. Widner, President

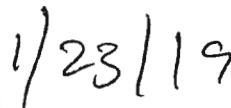


Date

I accept the above responsibilities,



Venkat Rudraraju, MD



Date

## **Radiation Safety Officer Duties, Responsibilities, and Delegation**

### **Typical Duties and Responsibilities of the Radiation Safety Officer**

The radiation safety officer's (RSO's) duties and responsibilities include ensuring radiological safety and compliance with U.S. Nuclear Regulatory Commission (NRC) and U.S. Department of Transportation (DOT) regulations and the conditions of the license. Typically, these duties and responsibilities include ensuring the following:

Stop activities involving licensed material that the radiation safety officer (RSO) considers unsafe.

Ensure that radiation exposures are kept as low as is reasonably achievable (ALARA).

Oversee all activities involving radioactive material, including monitoring and surveying all areas in which radioactive material is used.

Ensure that up-to-date operating, emergency, and security procedures are developed, implemented, maintained, and distributed.

Ensure that possession, use, and storage of licensed material are consistent with the limitations in the license, the regulations, the Sealed Source and Device (SSD) registration certificate(s), and the manufacturer's recommendations and instructions.

Ensure individuals installing, relocating, maintaining, adjusting, or repairing devices containing sealed sources are trained and authorized by an NRC or Agreement State license.

Ensure personnel training is conducted and is commensurate with the individual's duties regarding licensed material.

Ensure documentation is maintained to demonstrate that individuals are not likely to receive, in one year, a radiation dose in excess of 10% of the allowable limits or that personnel monitoring devices are provided.

When necessary, ensure personnel monitoring devices are used and exchanged at the proper intervals, and records of the results of such monitoring are maintained.

Properly secure radioactive material.

If the licensee possesses an aggregated Category 1 or Category 2 quantity of radioactive material, support development and implementation of a security program for radioactive material in accordance with 10 CFR 37.

Ensure documentation is maintained to demonstrate, by measurement or calculation, that the total effective dose equivalent to the individual member of the public likely to receive the highest dose from the licensed operation does not exceed the annual limit in Title 10 of the Code of Federal Regulations (CFR) 10 CFR Part 20.1301, "Dose limits for individual members of the public."

Notify proper authorities of incidents, such as damage to or malfunction of 1 sources/devices, loss of licensed material, fire, theft, etc.

Serve as a point of contact for the NRC's and licensee's management during routine operations, emergencies, or incidents.

Medical events and precursor events are investigated and reported to the NRC, cause(s) and appropriate corrective action(s) are identified, and timely corrective action(s) are taken.

Perform and document periodic audits, at least annually, of the radiation safety program to ensure that the licensee is complying with all applicable NRC regulations and the terms and conditions of the license.

Ensure that the results of audits, identification of deficiencies, and recommendations for change are documented (and maintained for 3 years after the record is made) and provided to management for review; ensure that prompt action is taken to correct deficiencies.

Ensure that the audit results and corrective actions are communicated to all personnel who use licensed material.

When the licensee identifies violation(s) of regulations or license conditions or program weaknesses, ensure corrective action(s) are developed, implemented, and documented.

Ensure that all incidents, accidents, and personnel exposure to radiation in excess of 10 CFR Part 20 and 30 limits are investigated and reported to NRC and other appropriate 20 authorities, if required, within the required time limits.

Ensure licensed material is transported, or offered for transport, in accordance with all applicable NRC and DOT requirements.

Ensure radioactive waste is disposed of in accordance with NRC regulations and license conditions. Supervise and coordinate the radioactive waste disposal program, including effluent monitoring and recordkeeping on waste storage and disposal records. Oversee the storage of radioactive material not in current use, including waste.

Perform/oversee the inventory and leak testing on all sealed sources.

Oversee the calibration of radiation survey instruments.

Supervise decontamination operations.

Maintain up-to-date copies of NRC regulations, the license, revised licensee procedures, and ensure that the license is amended whenever there are changes in licensed activities, responsible individuals, or information or commitments provided to the NRC during the licensing process.

Submit amendment and renewal requests in a timely manner.

## Song, Taehoon

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**From:** Sandrik, Lauren  
**Sent:** Thursday, January 24, 2019 1:24 PM  
**To:** Pavon, Sandy; Song, Taehoon; Tomczak, Tammy  
**Subject:** RE: Beaumont Wayne RSO letter

**Categories:** IM Center

Per Tammy we are to put the email into ADAMS like we normally do

**From:** Strohmeyer, Daniel  
**Sent:** Thursday, January 24, 2019 1:17 PM  
**To:** Pavon, Sandy <Sandy.Pavon@nrc.gov>; Sandrik, Lauren <Lauren.Sandrik@nrc.gov>; Song, Taehoon <Taehoon.Song@nrc.gov>; Tomczak, Tammy <Tammy.Tomczak@nrc.gov>  
**Subject:** FW: Beaumont Wayne RSO letter

Good Afternoon,

Please add to ADAMS for the following, do not include this email.

030-02099	21-11457-02	610912		Amendment	Beaumont Wayne
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Thank you,

Daniel