## **TENORM DECONTAMINATION PROGRAM**

## **RIGHT-TO-KNOW ORIENTATION**

This orientation is intended for all contractors and non-occupationally trained radiation workers who are performing specific decontamination activities on site. It is important that you read and understand this information to protect yourself from unnecessary radiation hazards and to comply with regulatory guidelines.

This is a decontamination project to remove adhering contaminants on equipment and filter assembly components from this site to releasability status. Operationally, this site produces materials from ores. The ore that was mined and brought to the plant includes Naturally-Occurring Radioactive Materials (NORM) that is inherent in the ore. During the processing and chemical separation of the ore, the NORM was more concentrated to create a material called Technologically-Enhanced Naturally-Occurring Radioactive Materials (TENORM). The TENORM became of sufficient concentration that the handling and disposal is regulated by the State.

A general survey of the components is normally conducted by qualified expert providing the basis as to whether additional remedial activities are needed or are immediately releasable. Those items designated within the secured area have potentially higher concentrations of TENORM than is normally found in the environment. However, the radiation levels remain sufficiently low that the workers who will be directly handling these contaminated items will receive less exposure than Members of the Public is allowed to receive in one year by regulatory standards. This decontamination effort fulfills the requirement to perform remediation prior to unrestricted release and disposal, recycling or reuse of the component parts are not inimical to the health and safety of the public. Before items may be released for unrestricted use, they must be surveyed to assure that they are less than prescribed limits, or the components removed to authorized disposition sites.

In addition, since this is a decontamination project, component items may have been weakened making certain portions of the equipment potentially unsafe. Therefore, to protect yourself from potential physical unsafe conditions or potentially low-level radiation exposure areas, it is important that the activities are conducted under the general supervision of a trained representative of your host Company during your site activities.

It is important to realize while performing your job that you would not be receiving any dose of radiation that exceeds regulatory standards. However, to assure that exposures to you are maintained As Low As Reasonably Achievable (ALARA), it is recommended that the TIME in the designated area is minimized and that DISTANCE is maintained from you and the source while not working to minimize any potential exposures. Since our goal is to keep any doses ALARA, the RSO may prescribe specific personal protection equipment (PPE) to accomplish this goal. It will be necessary for you to fulfill these requirements to be on site. If you have any questions regarding your activities, please ask your site Radiation Safety Officer for more information.

## - TENORM DECONTAMINATION PROGRAM RIGHT-TO-KNOW ACKNOWLEDGEMENT

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