

Naturally occurring radioactive material (NORM)

Rocks and soils contain natural radioactive materials, which may be concentrated by some industrial activities to levels which are potentially harmful. This Naturally Occurring Radioactive Material (NORM) can form as a scale on equipment used in activities such as oil extraction, coal mining, power generation, fertiliser production and the processing of natural spring water.

If your company encounters these problems, you need expert advice on protecting your staff, the environment and complying with regulations. Nuvia's extensive experience in the provision of radiation services means that assessment, advice and complete solutions are immediately available.

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Contamination assessment

Assessment and characterisation will establish the extent and significance of the NORM contamination. If NORM is present, we will assess the hazards and develop appropriate and cost-effective strategies to control them. For land assessment Nuvia uses its unique Groundhog™ system to provide a detailed picture of radiation levels and locations. Solutions may include decontamination of equipment, land remediation, training of operators and the safe disposal of waste.

Radiation services

Nuvia's experts can provide a complete service including: initial consultancy, operational advice, workplace monitoring and radiation training. We enable you to meet regulatory requirements at minimal cost.

Decontamination

Nuvia's NORM Decontamination Service has over 16 years' experience of dealing with contaminated plant and equipment, including operating descaling plants in the UK and overseas. Our new purpose-built decontamination facility at Winfrith, using an ultra-high-pressure water jetting system set within a bunded and ventilated ModuCon enclosure, provides services to the oil & gas industry.

Decommissioning and remediation

Nuvia also undertakes facility decommissioning studies and remediation of contaminated land and waste disposal operations.

Descaling facility design and construction

Nuvia provides cost-effective engineering support to manage and implement NORM projects, bringing our trademark experience and initiative to bear on developing innovative, economical solutions. Our service extends from initial concepts through specification and design to construction, build and commissioning of descaling facilities.

