

Safety and the environment overview

Delivering world class performance in safety, health, quality and environmental protection





**Safety underpins
everything we do**



All our employees have a specific safety role – helping to ensure our safety performance is world class across our operations and sites.

Nothing at Sellafield Ltd is more important than our Environmental, Health, Safety and Quality performance; it underpins all our activities and is integral to our continued success. Whilst recognising our EHS&Q performance is strong, we will always maintain our prime goal of continuous improvement. Our workforce, the public and our stakeholders expect nothing less. As EHS&Q Director I personally guarantee our continued commitment to improving EHS&Q performance, it is and always will be my singular focus.

Kliss McNeel, NMP Executive
Director for Sellafield Ltd, EHS&Q



Our overriding value is to ensure nuclear safety and leave the lightest possible footprint on the environment. In doing this we will ensure the safety of our workforce, members of the general public and the environment. Our relentless pursuit of excellence is reflected in our health, safety, security, environmental performance and the quality of the products and services we deliver to our customers.

With world class expertise in nuclear, conventional, radiological, environmental safety, security and quality assurance as well as occupational health, our EHSS&Q team are providing a service to our entire 10,000 strong workforce across our three sites in Cumbria, Warrington and Cheshire.

Sellafield Ltd has built up an excellent safety record. Our goal is to set the pace for safety and environmental care in nuclear clean-up, demanding the highest standards for all our activities and encompasses all aspects of environment, health, safety and security. It will be delivered through the rigorous application of a set of principles and fundamentals.

Safety is Sellafield Ltd's top priority



Sellafield site.



Capenhurst site.



Risley site.



100,000

100,000 observations –
1,000 accidents prevented.

We have the most experienced and highly regarded nuclear workers in the world. Safety is and will always be our core value, underpinning all our activities and operations.



The challenges facing us in the future require each and every one of us to perform at our best.

Safety

Working safely as we carry out all our activities from offices to high hazard plants is integral to our success. All our employees focus on safe performance and take responsibility for their own safety and that of their colleagues. It is our first priority in everything we do. Our challenge is to continuously improve our safety performance whilst delivering world class services and products.

Peter Oldfield, Head of Safety and Radiological Protection



It is fundamental in our business to keep our people, environment and community safe as a result of our operations. We cooperate and consult with our workforce to both identify and implement safety improvements. Several of these initiatives result in charitable donations and include examples such as Peer to Peer observations, Safety Committees and Safety 1st campaigns. Our workforce and contract partners focus on safe delivery and are actively encouraged to further improve on this.

On average 1,000 Peer to Peer observations are being carried out on a weekly basis with more than one third of the workforce being active observers.

Peer to Peer observations

Peer to Peer observation is a process whereby the whole workforce observe each others daily activities, giving feedback. This helps to develop a culture of 'looking after each other.' Both safe and potentially unsafe observations can be made and are entered onto a database. In this way learning can be shared throughout the workforce.

If all employees complete at least one observation a month, over a year we will have completed in excess of 100,000 observations.

Safety 1st

Safety 1st is Capenhurst's safety programme, which after four years and numerous RoSPA awards is now well established. It is managed by employees who work on the shop floor, who are the most likely to encounter serious hazards. The site's safety success is based on the fact that we operate in a safety state of mind and a genuine desire to ensure no one is harmed by our operations. Safety 1st has received many RoSPA awards and has been shared with both nuclear and non-nuclear businesses, such as Airbus, Nuvia and the Windfrith and Harwell nuclear sites.

The site's long-standing RoSPA success proves the value of Safety 1st as a shop floor-led initiative that drives a proactive safety culture into all daily activities.



Capenhurst has received Gold Medals from the Royal Society for the Prevention of Accidents (RoSPA) commending it for excellence in occupational health and safety for five consecutive years. This is the third highest award that RoSPA makes on an annual basis within the chemical industry.

We continuously strive to leave the lightest possible environmental footprint.

Environment

At Sellafield our primary goal is to protect people and the environment.

Sellafield Ltd is committed to minimising the environmental impact of our operations across all areas of on site activity. We continuously engage with stakeholders and seek the widest possible approval of how we manage our environmental responsibilities by recognising and addressing the concerns that people have.

Our goal is to continually improve our global environmental performance by eliminating accidents and incidents, minimising waste and the use of natural resources. Ensuring all wastes are managed safely and with care for the environment, sharing and using best practice and meeting or exceeding current standards of environment performance.



We use the latest and best technology available and constantly review our monitoring programmes.

Our overriding priority is to leave the lightest possible footprint on the environment, while accelerating our high hazard reduction in the safest, cleanest, fastest way possible.

Tim Parker,
Head of Environmental Management



We continuously improve our environmental performance by setting and achieving targets to restore our site, prevent pollution, remove impacts arising from historic activities, reduce waste arisings and disposal and minimise the use of natural resources.

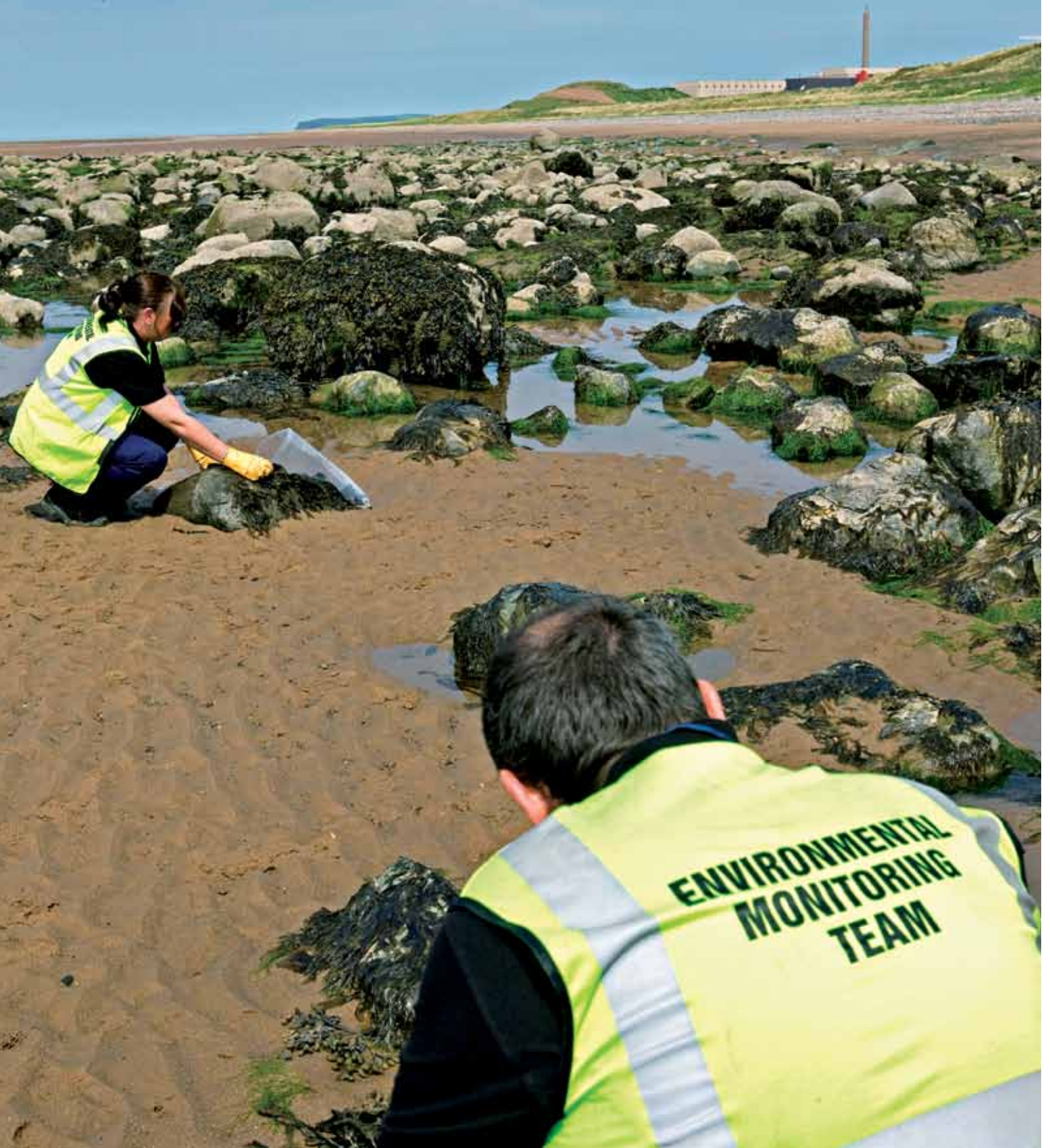
The Sellafield environmental management system has been certificated to ISO 14001 since 1997 by the independent, UKAS accredited, Lloyds Register Quality Assurance. The Sellafield site is the most complex site in Europe, in terms of size and environmental impact, to achieve and maintain this internationally recognised certificate.

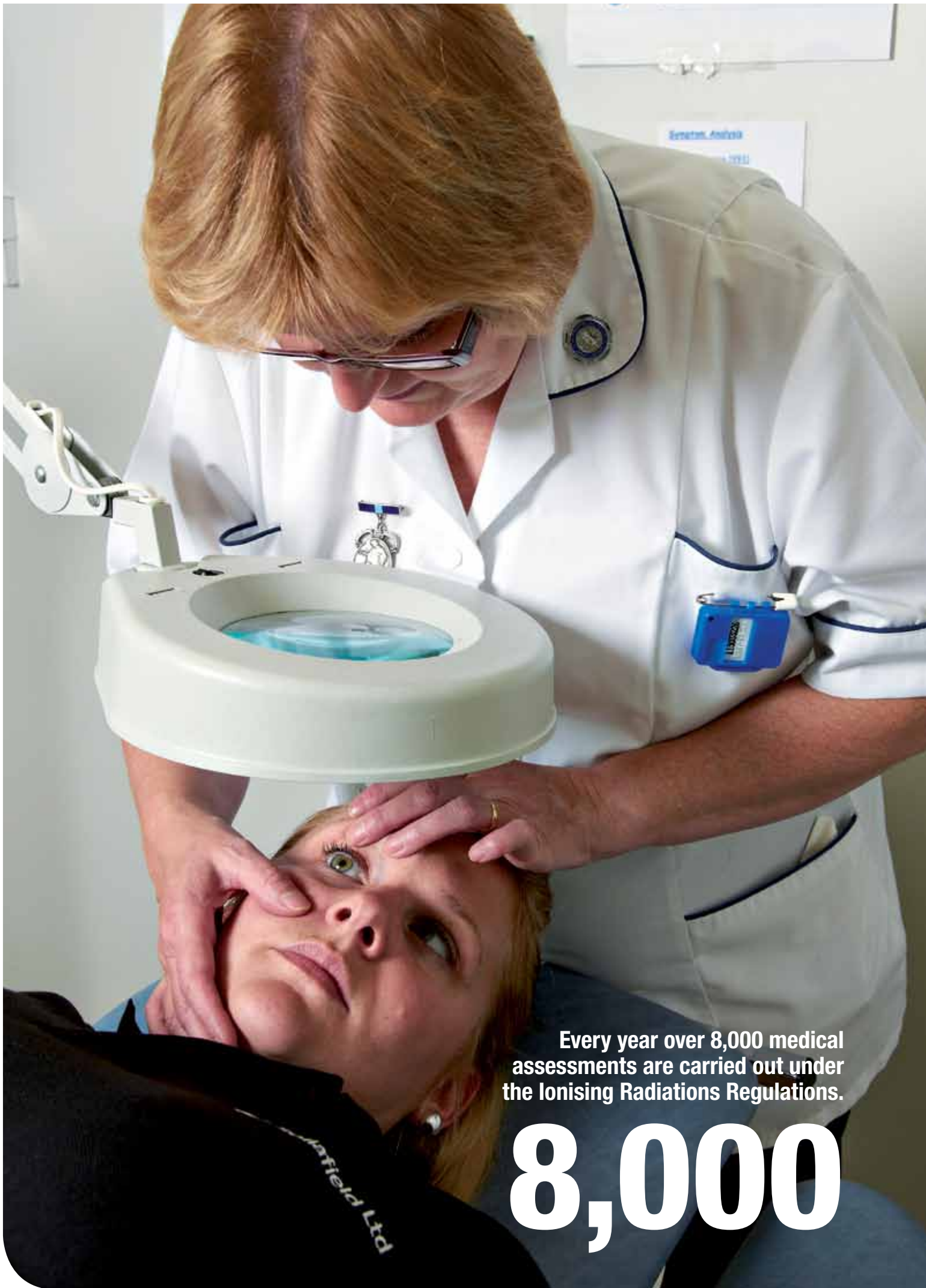
4,000
environmental samples
analysed every year.



150 ha

of beach monitored annually.





Every year over 8,000 medical assessments are carried out under the Ionising Radiations Regulations.

8,000

We aim to maintain a fit and healthy workforce.



Health

At Sellafield we provide a round-the-clock emergency response service to the whole site. We operate five surgeries including 24hr operations at one plant surgery. These surgeries host over 38,000 interactions with our medical personnel, including a full range of health screening and well being consultations.

We aim to maintain a fit and healthy workforce by;

- Eliminating ill-health at work
- Minimising radiation doses
- Encouraging our employees to balance their work and home life
- Learning lessons from events, implement corrective actions and seek out and use good practice

Working with the support of professional medical advice, managers across the business are trained to identify hazards and carry out risk assessments to identify specialist needs such as occupational hygiene, ergonomic assessments and medical surveillance. Managers are also trained to identify and mitigate unacceptable levels of stress. We have hosted a Work Lifestyle Balance event with exhibits and contributors covering a wide range of fields including diet, exercise, physiotherapy, medical screening etc. This hugely successful day was attended by many of our employees.



The health and safety of our people and everybody that works for us is vitally important and we take a proactive stance to continuously improve our health and well-being across the business.

Dave MacGregor,
Company Chief Medical Officer

We promote health improvement everywhere through our well-person screening programme and campaigns on healthy eating and exercise. All sites have appropriate drug and alcohol testing regimes and support is given where possible to employees who wish to stop smoking.

£2.5m

We dedicate an annual budget of just under £2.5m to our workforce across our three sites.

All our employees have access to regular screening services as well as access to 24hr medical care.



Sellafield Ltd management receiving their ISO 9001 certificate.

Quality

Quality is a vital part of Sellafield Ltd's business, while there are many facets and aspects to the delivery of quality, the one which is fundamental to both quality success and quality failure is the performance and behaviour of people. All our staff are professional, dedicated and striving to continuously improve quality across our sites.

Howard Cooper,
Head of Quality



Whatever we do on site – reprocessing, waste management, finance, training – every single activity is underpinned by quality. Delivery of quality is the responsibility of every employee.

We have put in place simple and effective management systems which govern all aspects of our business and ensure we have a workforce who is quality aware. Plant operations are managed by a rigorous system of suitably qualified and experienced people.

A key component of our quality performance is effective engagement with, and delivery by, our supply chain partners. High quality supply of plant, equipment, goods, services and products is essential to the safe delivery of Sellafield Ltd's activities so we work closely with our suppliers to ensure that our needs are understood and delivered.

Sellafield has held the ISO 9001 certificate for their Quality Management System since 2004.

ISO 9001

Sellafield's management system achieved certification against the requirements of ISO 9001 in 2004. This is an International Quality Management Standard, whose scope embraces all of Sellafield Ltd's business activities, including corporate management and business governance, Operations, Decommissioning, Project Delivery and the functional support to these activities from Finance, HR & Commercial development for Sellafield Ltd along with the provision of resources to deliver clean-up contracts.

Certification was recommended by Lloyd's Register Quality Assurance following a comprehensive assessment of our business activities against the exacting requirements of the standards. We are subject to regular reassessment by LRQA to ensure our systems remain effective.



We are dedicated to continually improve all aspects of quality across our sites.



Striving to continuously improve contamination control.

Continual improvement

We are currently carrying out a whole range of improvements in the field of radiological safety. Radiological Rollback, changes to the handwashing and monitoring arrangements and changes to the wearing of head protection are all being introduced across our sites.

Radiological Rollback

Radiological Rollback is the project to reduce the radiological footprint of facilities by downgrading their radiological status through decontamination. This work has a huge number of benefits including improved contamination control and minimised contaminated areas, improved safety and easing access to work areas, reduction in radiological events as well as reduced survey requirements, a reduction in active waste and reduced demand on personal protective equipment.

Business Excellence Awards

In support of World Quality Day, Sellafield Ltd runs an annual 'Business Excellence Award' programme. Several hundred entries are short-listed to a set of finalists which are reviewed by the Sellafield Ltd executive to select the best improvements across a series of categories. The improvements entered have all been significant contributors to improving safety, efficiency, customer service and cost saving across Sellafield Ltd.

WANO – World Association of Nuclear Operators

We became the first ever non-reactor site to gain membership of WANO back in 2006 and work hard to maintain that membership each year. The mission of WANO is to maximise the safety and reliability of the operation of nuclear plants through a continuous improvement cycle, and we share that mission.

Safety Committees

Involving and engaging our workforce in identifying and solving safety issues is fundamental to our success. We have well established Safety Committees where we formally consult on health and safety matters with Union appointed representatives. This collaborative approach to safety ensures everyone has the opportunity to positively affect safety.



We support World Quality Day.



In 2006 Sellafield became the world's first non-reactor nuclear site to gain membership to WANO, the World Association of Nuclear Operators.

