

# NEATER

*A 'standard' robot product  
combining the robotic  
expertise of Staubli  
Unimation with Harwell's  
knowledge of the  
unique requirements  
of the Nuclear  
Industry*



*Bringing the power of VAL II within the reach of  
Nuclear Technologists*

# DE-COMMISSIONING TELEOPERATION

*The Nuclear Industry has a clear need for a 'standard' programmable manipulator to intercede between the operative and a hazardous environment.*

*There are a number of well defined and repetitive tasks which demand accurate control under hostile conditions.*



*A typical example of a re-occurring operation is the dissection of a glove box, in preparation for disposal.*

*'NEATER' is ideally suited to nuclear application areas*

*such as: De-commissioning, waste management, reprocessing, fuel fabrication & P.I.E.*

*Key tasks requiring remote operation include size reduction, decontamination, inspection and handling.*

*'NEATER' runs under VAL II control for repetitive operations, and as a telemanipulator, via the Harwell controller, to enable remote control for one-off operations.*



*The 'NEATER' design satisfies essential criteria associated with this harsh environment.*

*The robot incorporates improved seals and radiation tolerant components.*

*Maintenance requirements have been considered, with modular components, detachable forearm and a split base of reduced weight and height.*

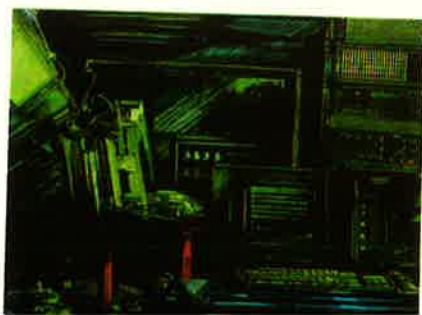
## THE BENEFITS OF NEATER

- ☐ Reduce de-commissioning costs
- ☐ Reduce the costs associated with waste management
- ☐ Use 'Standard' Automation products
- ☐ Use 'the best' in established robot control technology
- ☐ Benefit from the experience of the UK's leading Nuclear Research Establishment, AEA Technology

# STÄUBLI

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