eCHO

THE NEWSLETTER OF THE CULHAM SCIENCE CENTRE & HARWELL BUSINESS CENTRE SEPTEMBER 1997

New spine road opens



UKAEA's property management team, (l-r) Simon Ramsell, Ian Rodham, Stephen White and Mary Hills joined Peter Burrows (second from right) to 'survey' the new road layout.

The new spine road, joining Becquerel Avenue with Fermi Avenue, was officially opened at the end of August and will provide an important north to south link within the Harwell International Business Centre.

The road, which extends for a quarter of a mile, is the second part of the new Harwell road network to be completed and will eventually provide access through to Curie Avenue across areas designated for new development. It also provides new cycleways and footpaths.

Members of UKAEA's property management team joined site agent, Peter Burrows of Johnson Controls Ltd, to celebrate the opening of the road. Its completion marks the end of four months of carefully planned traffic management and construction work to minimise disruption to daily traffic flows, particularly at peak hours.

The high standard of work is endorsed by the fact that Oxfordshire County Council highway engineers, who have overseen construction throughout, wish to use the project in a guide to 'best practice' in road construction.

In the interests of recycling, it was proposed that crushed demolition waste from Harwell be used to avoid the need for fresh limestone. However tests undertaken by the county council engineer showed that the recycled waste was not sufficiently strong for use under the road but would form an ideal base for the new car park which has just been built to the west of AEA



Looking South, the new Library Gate and mini-roundabout under construction.

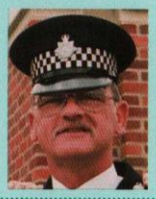
Continued on page 2

This Month

Safety double award 3



Medal for PC Helm 4



100th blood donation 5



GLEEP 50th celebrations 8



Technology's headquarters building (B329).

The new road will be flanked by footpaths on either side and a new cycleway will run the entire length on the eastern side. The old stretch of Library Avenue has been made redundant but, rather than dig it up, work is being done to create a temporary cycleway which will join up with the new spine road cycle route until this area is developed.

Speaking about the difficulties of constructing a new road through the security fence, UKAEA superintending officer, Ian Rodham, commented, "To ensure the continuity of the project whilst maintaining security, there was on-going liaison with several parties – UKAEA security, UKAEA safety, the NII and AEA constabulary.



A trench was excavated to route services underground.

New traffic arrangements were in place during the project including an alternating one-way system and traffic lights during roundabout construction. "We are grateful for the forbearance and patience of everyone who has been using Fermi Avenue while the work has been carried out" said Ian.

New UKAEA pension package



Present at the signing were (seated l-r) John Baxter, UKAEA director of nuclear operations, Derek Pooley, UKAEA chief executive, Peter Simpson, chairman of the trade union side, Marion Turner, secretary of the trade union side; (standing l-r) James Bretherton, UKAEA director, property management & services, Alan Morris (AEEU), Steve Beackon, head of personnel, Jerry Goff (IPMS-JET), Paul White, finance director and Simon Purtell (UKAEA personnel).

The single status agreement, signed recently, will involve a number of changes to UKAEA pension arrangements, including lower contributions.

For UKAEA and NRPB staff the Principal Non-Industrial Superannuation Scheme (PNISS) and the Industrial Super-annuation Scheme (ISS) were merged from 1 July 1997 to become the Combined Pension Scheme (CPS). Staff in the PPARC, the EPSRC and the CCLRC who belong to the PNISS are unaffected by the change.

There are no changes to the benefits available from the CPS scheme and members will continue to receive a pension and tax-free lump sum when they retire, calculated in the same way as under PNISS and ISS. The CPS also provides protection for the spouse of members and ill health retirement benefits.

However, from 1 July, members' contribution rate will be reduced to 5% (previously 5.75% for ISS and 7.5% for PNISS). A number of scheme members have already expressed interest in using the reduction to provide for additional retirement income via additional voluntary contributions (AVCs). They can either buy 'Added Years' of service in the main scheme or be invested in the group AVC scheme run by Prudential.

Anyone wishing to know more about the pension opportunities available under the CPS can arrange a one-to-one discussion with a Prudential financial consultant by writing to Lucy Hawthorne (Harwell UKAEA staff), B521, or Debbie Brookes (Culham UKAEA staff), D3. NRPB staff should write to Janet Wellburn.

Obituary

Dr John Jelley



John Valentine Jelley, Harwell scientist and world authority on cosmic ray Cerenkov Radiation, died aged 79.

Educated at Solihull School, Dr Jelley took First Class Honours in physics and mathematics at Birmingham University. He worked initially on radar systems and in 1944 joined the UK atomic energy team seconded to the National Research Council of Canada.

Gaining a Senior Award to the Cavendish Laboratory, it was here that he met his future wife, Dr Joan Freeman, and obtained his PhD.

John joined Harwell in 1949 as a senior scientific officer in the cosmic ray group and soon demonstrated his flair for devising unique experiments. He first detected Cerenkov radiation from cosmic ray showers using a parabolic mirror inside a dustbin. Later he successfully collected tritiated water samples 100,000 feet up in the atmosphere with the aid of balloons from RAF Cardington.

His interest in astronomy included work on the spectroscopy of the plant Jupiter and, with Sir Bernard Lovell, he used the Jodrell Bank telescope to study the Crab Nebula. After retirement from Harwell in 1979 he was a regular visitor to the Royal Greenwich Observatory.

His hobbies included sailing on the Hamble river but, being a classical physicist, John's publications even included papers on tidal anomalies around the Isle of Wight!

Safety Award Double

AEA Technology has received two top awards in recognition of its 1996 safety record for the second year in a row.

The Gold Award of the Royal Society for the Prevention of Accidents (RoSPA) is the highest award for occupational safety. AEAT reported a reduction in its accident rate from 0.19 to 0.11 reportable accidents per 100,000 worked.

AEAT has also collected a British Safety Council Award for the fifth successive year. This prestigious award is only presented to those organisations achieving an accident rate which betters the industry average. If every British company achieved this standard, five million days currently lost to accident and injury would be saved.

"We measure occupational safety as a key aspect of our business performance," said Mike Pilbeam, AEAT director of operations and safety. "Not only is this important in its own right, but it strengthens our commercial position as a market leader in advising on health, safety and risk assessment issues and confirms our good standing in the local communities in which we operate."

John Ward, the company's head of safety and environment, described how the majority of reportable accidents - leading to three or more days absence from work - were caused by manual handling. "Five out of our seven reportable accidents last year involved back injuries caused by manual handling. As a result, we are focusing on correct manual handling procedures in our programme of safety training".



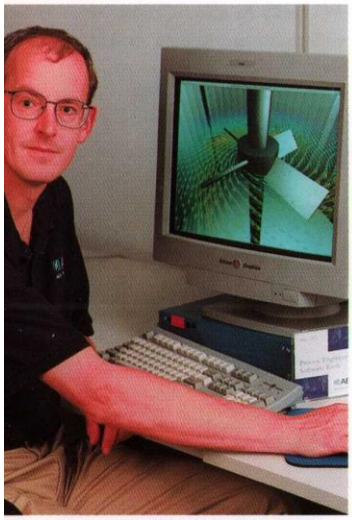
John Ward, Sue Barnes and Mike Pilbeam of AEA Technology aiming to reduce manual handling accidents.

Experts respond to Green Audit letter

A letter written to the BMJ expressing the personal views of Green Audit members, Dr Chris Busby and Molly Scott Cato about deaths from childhood leukaemia in district council areas throughout Oxfordshire, prompted a number of responses from local experts in the field who questioned the basis of the findings.

In reply, letters to the press stressed that local people should be presented with the facts in order that to make a balanced judgement. Letters challenging Dr Busby's assertions were published from Dr Sian Griffiths, director of public health at the Oxfordshire Health Authority, Monica Roche, Oxford Cancer Intelligence Unit's medical director, Gerald Draper, director of the Childhood Cancer Research Group and Barry Carpenter, UKAEA's head of site safety at Harwell.

Software chief appointed



Dr Steve Curl joins AEA Technology

Dr Steve Curl has been appointed as chief executive officer of Hyprotech Ltd, the Canadian software company now operating as the wholly-owned subsidiary of AEA Technology plc.

Dr Curl, 44, is an experienced manager responsible for AEAT's existing engineering software business, with international experience in the process industry.

Based in Calgary, Canada, Hyprotech was recently acquired by AEAT and is one of North America's leading process simulation software businesses.

Total Eclipse

Representatives from Rutherford Appleton Laboratory were present at the first national meeting to explore the challenges presented by the forthcoming total solar eclipse.

This rare natural phenomenon, last seen from the UK in 1927, will be visible in Cornwall, Devon and Alderney on 11 August 1999, then not again until the year 2090. The sun will be totally obscured by the moon for just over two minutes shortly after 11.11 BST.

SAFETY FACTS

Site Klaxons

The replacement Harwell Site Emergency Klaxons have now been accepted and the old system is being dismantled. Beginning in September, recognition tests will be carried out monthly, not quarterly, at 10am on the first working Tuesday, in line with other UKAEA establishments. Reminders will not be sent but the police will put gate notices out each month to alert visitors.

Site Emergency Exercise

The Harwell Site Emergency demonstration exercise will be held on Thursday 23 October 1997. It will run for approximately 2-3 hours during which time the Site Emergency Klaxons will be sounded, the gates will be closed and movement on site will be restricted. All staff within the Harwell boundary fence are requested to avoid this date when arranging commitments with external representatives as visitors cannot be guaranteed entry to the site during the exercise.

Lost time accidents

Culham/Harwell	**C**	**H**
Recorded since last issue	0	3
Total this year	1	15
Total reported to HSE '97	1	10
Total days lost in '97	25	97*
Minor accidents (no time lost)		
Recorded since last issue	7	24
Total this year	28#	133

*Days lost for one accident not recorded as return date unconfirmed at time of going to press.

#Total reduced by one to correct current year's figure.

There were no radiological incidents and two non-radiological incidents, designated Category 2, reportable since the last issue of ECHO.

Contractor injured

A contractor working on the refurbishment of B.521, UKAEA HQ at Harwell, tripped and fell, injuring his knee. He was taken to the site medical centre for first-aid treatment and later to Winchester Hospital near his home. The hospital diagnosed a fractured kneecap, which is a major injury reportable to HSE under RIDDOR regulations.

Hoist derailed

During tests of a cell hoist it became derailed while being manoeuvred with a load. The incident was rated Category 2 because of the redesign costs.

Out & About

CSMA Exhibition

15 and 16 September

A Civil Service Motoring Association (CSMA) Exhibition will be held in the Culham Restaurant on Monday 15 and Tuesday 16 September from 10.30am - 2pm. Ian Turner, CSMA regional manager, will be available to answer all your questions on CSMA membership with representatives from Britannia Rescue services, Frizzell Motor Insurance, etc, etc. Application forms and other literature available from Tony Betteridge, Harwell Rec. Assoc. ext H.3296.

Oxfordshire County Conference - Duke of Edinburgh's Award

15 November

9.30am-4pm. John Adams Lecture Theatre, UKAEA Culham. £1 per delegate (includes lunch).

Further details and registration forms contact: Margaret Butcher, 61 Coromandel, Abingdon, Oxon OX14 5QB. Tel (01235) 524851.

Electrifying Bridge Tournament

This year's ESI (Electricity Supply Industry) Bridge tournament is hosted by National Grid at Coventry on 11 October. An annual event for the last 22 years, the competition is open to all members, former members and associates of Electricity Industry Sports and Social Clubs. The Swiss Teams format caters for all levels of competence. Ideally teams of four should enter, but organisers will make up teams where required. Entry is £15 per person including lunch and tea. Entry forms and details available from Bernard Lloyd on 01793 770272.

Hearing problems?

Oxfordshire County Council runs small, friendly classes in lipreading which also give general advice for anyone who has hearing problems at work or home. New courses cost £5 per term and run from the week beginning 22 September at Abingdon College and St Birinus School, Didcot. For more details contact the tutor on 01235 832174.

'97 Fireworks

Saturday 8 November

6.30pm for 7pm. At South Sportsfield on the Rugby Pitch. The Annual Bonfire & Fireworks Display, organised by Harwell Laboratories Recreational Association. New display team - new format. More details in ECHO October issue.

PC Helm recognised

PC Robert Helm has been awarded a Police Medal to recognise long service and good conduct. Before joining the AEA Constabulary at Harwell in 1975 he served 13 years with the Royal Greenjackets, in Borneo, Malaya and Northern Ireland.

His duties at Harwell have included Police Club steward, dog handler, firearms officer, search team and CID aide. While on duty he helped to prevent serious loss and damage to the photographic building when he discovered flooding. He was also commended for his off-duty actions which have included dealing with an explosion in a garage and witnessing a caravan theft and car break-in while on a course.

Well known throughout the site as a jolly and friendly officer, PC Helm has been a considerable asset to the Harwell operation unit and to the force as a whole.



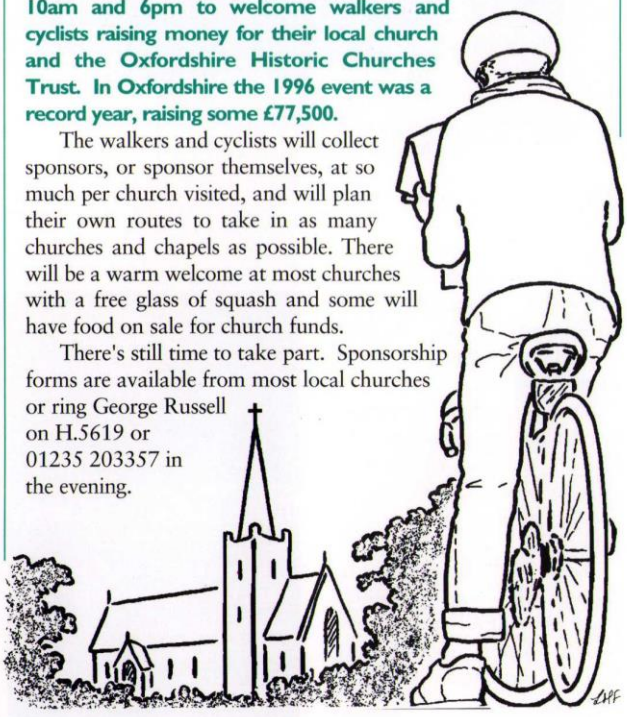
Keeping it in the family, PC Bob Helm with his wife Sandra, who works as a secretary with AEAT, daughter Khaya, AEAT analytical services, and son Ashley.

Historic Churches Bicycle Ride

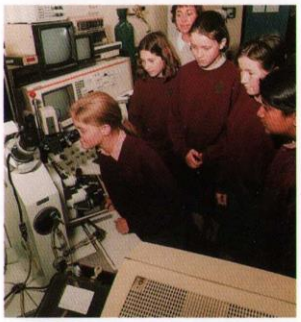
Churches throughout Oxfordshire, and the surrounding counties, will be open on Saturday 13 September between 10am and 6pm to welcome walkers and cyclists raising money for their local church and the Oxfordshire Historic Churches Trust. In Oxfordshire the 1996 event was a record year, raising some £77,500.

The walkers and cyclists will collect sponsors, or sponsor themselves, at so much per church visited, and will plan their own routes to take in as many churches and chapels as possible. There will be a warm welcome at most churches with a free glass of squash and some will have food on sale for church funds.

There's still time to take part. Sponsorship forms are available from most local churches or ring George Russell on H.5619 or 01235 203357 in the evening.



That's Meteoric!



When a strange dust fell from the skies, a science class from an Abingdon school decided to conduct a thorough analysis. For help they turned to the Analytical Services team at AEA Technology, Harwell - the laboratory famed for its inspection of moon rock from the 1960s Apollo mission.

Scientists used a powerful optical microscope, an electron microscope, a mass spectrometer and x-ray diffraction techniques to determine the elements present in the dust sample.

The results? A combination of iron, quartz and silicate material, along with rarer metals, previously subjected to high temperatures.

"We think it highly likely that this is dust from a meteorite shower, heated up as it passed through the earth's atmosphere," said Dr Maggie Forrest from the School of St Helen and St Katharine, pictured here with pupils.

Visitors see nuclear technology of the future

Four members of Binder Hamlyn, who provide tax advice to UKAEA, saw the future of nuclear technology during a tour of the new Vault Store, a £50 million state-of-the-art project to store Intermediate Level Waste (ILW) at Harwell.

AEA Technology project manager, Tony Jeffrey explained how ILW was received into the store, assayed, sorted and repackaged into 500-litre stainless steel drums for long-term storage.

"The entire process is handled remotely, making full use of CCTV, computer technology and shielding to minimise doses to operators" said Tony. "It is probably the most advanced facility of its type in the world and is due to become operational in 1998."

Hosted by UKAEA tax specialist, Eric Hollis, the visit also included a trip to the DIDO reactor. Decommissioning manager, John Buffery, described the decommissioning programme and how the reactor would remain safe within its containment 'shell' for 25 years. The visitors saw the adjacent 'green field' site once occupied by the LIDO pool reactor.

PR manager, Nick Hance, took the party inside Hangar 8 where Harwell's world-leading nuclear research first started in 1946 and the historic GLEEP reactor remains alongside the modern micro-chip production rooms. They learnt how former nuclear technology, such as ion implantation, was being marketed by AEA Technology and had many applications in modern industry.

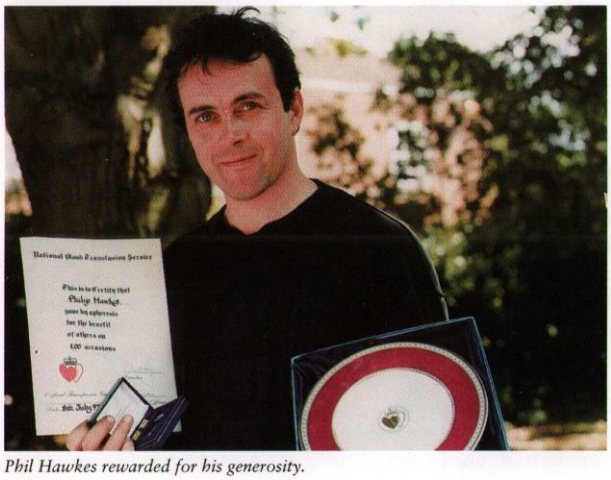


In the Vault Store control room (l-r) Sandeep Mayor (Binder-Hamlyn), Jennifer Thom (B-H), Tony Jeffery (AEAT), Colin Keane (B-H), Eric Hollis (UKAEA) and Jeremy Hopkinson (B-H).

Phil's Ton-Up Award

Philip Hawkes, of AEA Technology's Non-destructive Testing Centre at Culham, has won a rare award from the National Blood Transfusion Service.

As a regular blood donor, he's given 30 pints since 1978, then began blood platelet donations at the John Radcliffe Hospital, Oxford, three years ago. He attended monthly sessions, of an hour each, at the hospital's apheresis centre and has now topped the 100 mark! In recognition of his generosity Philip was given a commemorative 9" Wedgwood 'Ulander Powder Ruby' plate, gold pin and a certificate.



Phil Hawkes rewarded for his generosity.

Phil explained, "Platelets are vital in helping clotting, and are used for the treatment of serious blood diseases. It is possible to separate platelets from blood, as it is given, returning the rest to the donor. The loss of platelets is rapidly made up in the body and donors can attend sessions quite frequently without problems."

Asked why he gives blood and platelets Philip revealed that he has the rare 'O-negative' group which makes him a universal match with patients. Although originally agreeing to a monthly donation, he has, on occasions, given platelets on a weekly basis. "It doesn't take long to reach 100 donations", he said. "I might end up with a full dinner service!"

Anyone wishing to become a platelet donor can visit the Apheresis Unit at the Blood Transfusion Centre in the grounds of the John Radcliffe Hospital or call the Donor Clinic on 01865 447939.

ECHO BRIEF

Crossword Winner

Congratulations to Ruby Banerjee of MRC who was the winner of the 'coffee break crossword' in our last issue and receives a £15 garden token.

Sale of Found Property

Items of found property which have been held by the Police for the statutory period of time, and have not been claimed by the owner, or the finder has declined them, are to be sold by the silent bid method. Items for sale will be on display at the AEA Constabulary Police Station, Building One, from 12noon on Monday 22 September to 9am on Friday 26 September and the sale will take place on Friday 26 September.

Poetry Grant

Pulsar, a quarterly book of poems edited by NRPB's David Pike, has been awarded a small grant from Swindon Arts Foundation. Compiled and published by the Ligden Poetry Society, poems and ideas are welcome from any poetry enthusiasts.

Nuclear Emergencies 'At a Glance'



The second edition of an illustrated guide to nuclear emergencies has been published by NRPB in its 'At a Glance' series.

Aimed at readers with little knowledge of the subject it covers the types of accidents that can occur, potential countermeasures, the standards that apply and detection techniques.

Copies of this and the other 12 leaflets in the series are available, free of charge, from NRPB's press and information office. E-mail: information@nrpb.org.uk or fax: 01235 822746.

Pensioners Triumph in Evening Final

After heading the other eight teams in the league part of the competition, Middle Wickets found themselves in unfamiliar circumstances in their first ever Final appearance; a batting collapse! The side who had scored over 200 twice this year lost wickets regularly against the 220 Pensioners and stood at 47 for 7 before their tail wagged a bit, slapping 10 off one Butcher over alone, to finish on 83 all out in 17 overs. Mark Newman was the pick of the 220 bowlers with figures of 3-21.

Chasing a modest target the Pensioners lost their first wicket at 48 and then gave several half chances which, if taken, would have made the game extremely tight. However, Alec Inns steadied the ship with a fine 41 and 220 won the game in the seventeenth over, finishing on 84 for 3.

The presentation of individual trophies to the teams and the Vice Presidents Cup to the victorious captain, Kevin Sanders, was carried out by Derek Pooley, UKAEA chief executive, who also presented Paul Butcher (220) and Peter Van De Mortel (Middle Wickets) with the batting and bowling awards respectively for this year.

Thank you to everyone for taking part this year and especially the Harwell Rec. Soc. for its financial support, without which the competition wouldn't have taken place.



Derek Pooley, UKAEA chief executive presents the cup to 220 Pensioners' victorious captain, Kevin Sanders.

Slap & Tickle beats Up & Unders



The winning rounders team who tickled their way to the top.

The Rounders competition reached its climax with a final between two teams that have dominated for the past four years, namely Slap & Tickle and Up & Unders.

The challengers batted first and managed to get four past the Up & Unders who replied with 1.5 in their first innings. Slap & Tickle batted again, scoring another four with some fine shots. This left an uphill task for Up & Unders who then needed 7 to win. The pressure was on and despite some good attempts, they finished still 3 adrift, losing 8-5.

The large crowd saw presentations by James Bretherton, UKAEA director of property management. Thanks to all who participated and to Tony Betteridge for pitch marking.

~ STOP PRESS ~

For the third year in succession, AEA Harwell Cricket Club has won the OCA Telegraph Cup. They met Great Horwood in the final who scored 157-8 with AEAT's Paul Butcher taking 4-43. In reply AEA Harwell scored 161-5 with two overs to spare. Simon Davis scored 52 and Paul Butcher 70 not out which secured him the Man of the Match for the third year running.

'Property cycle'

An impressive total of £600 has been raised for the charity 'Land Aid' by a group of cyclists who took part in a 35-mile ride on a blistering hot day in July. The team which included Claire Bullock (PMS Finance) and partner, Steve Hale, Neil Cook (Compel contractor), Claire Clark, Steve Moss, Jo Manners, Ian Rodham and Stephen White (all PMS) and Jamie Sankey (AEAT, Culham), set off from Thames Valley Park in Reading and finished their ordeal with a BBQ and welcome drinks at Milton Park, Didcot.

50 not out!



Researched and compiled by Ben Stone, a works experience student who shadowed the UKAEA corporate communications team for a fortnight.

Harwell Cricket Club, which celebrates its 50th anniversary this year, reformed its weekend side in 1980 and five years later became a member of the Oxfordshire Cricket Association. Over the years 300-400 people from Harwell and Culham sites have played for the side. To maintain team spirit, chairman Steve Oliver organises morale-boosting activities including car treasure hunts and regular meetings at 'The Fox' pub in Steventon.

One of Harwell's most successful players was Mark Bowen who joined the Wednesday side during the 1990 season and has since moved on to play for Yorkshire 2nd XI and Northants before settling down with his current county side, Nottingham, where he is consistently among the leading wicket-takers.

As with any amateur side, funding is hard to come by. In addition to match fees, one handy way of making money is through the fines system, levied for, among other things, late arrivals or failure to wear the duck hat when out for no score. Last year £210 was raised, half being kept by the club and the rest donated to charity with the Leukaemia Trust as the annual beneficiary.

GLEEP 50th Celebrations

Forty engineers and scientists representing half a century of pioneering nuclear research were reunited at Harwell to celebrate 50 years since the GLEEP reactor first went 'critical'.

Dr Derek Pooley, chief executive of UKAEA, hosted the event on Friday 15 August, which brought together ex-members of the GLEEP team who made Europe's first ever 'atomic pile' and the world's longest running reactor, which was shut down in 1990.

The main instigator for the anniversary day was Dr Vic Crocker, a former Harwell assistant director, now retired and living in Chilton. He was reunited with other colleagues like Prof Ralph Thomas, 64, who had travelled from his home in California and remembered starting work in November 1948 as a 15-year old scientific assistant.

Many of the original GLEEP team were present including George Campbell, 83, Jim Stewart, 81, George Tilby, 78, Derrik Littler, 77, Fred Colmer, 75 and George Brownrigg, 75. UKAEA's popular historian, Lorna Arnold, herself aged 83, also attended.



(l-r) Des Taylor, Hugh Cornock, and Fred Holdbrook with UKAEA decommissioning manager, John Buffery.

The day included a photocall in front of GLEEP in Hangar 8, which attracted local media including radio and television crews, a tour of the partially decommissioned DIDO reactor, and a talk by Harwell head of site, Stephen White, on 'The last 50 years and the next 50 years'. Lunch was hosted by John Baxter, UKAEA's director of nuclear operations.



Some of the original GLEEP team : (l-r) Derek Littler, Fred Colmer, George Tilby, Jim Stewart, George Brownrigg, Prof Ralph Thomas, George Campbell (front).

About GLEEP...

GLEEP, which stands for 'Graphite Low Energy Experimental Pile', took just 15 months to build. Clement Atlee, the Prime Minister at the time, gave national priority for its construction, even diverting scarce steel from repairs to the bomb-damaged Houses of Parliament.

The basic design of GLEEP, and its larger successor, BEPO, were conceived by the British team working on the Manhattan Project - for the US atom bomb - during the war years.

In the late 1940s GLEEP's medical isotopes - the first to be produced in Britain - were being used in Oxford hospitals. Data collected from GLEEP was instrumental in the design of the very successful Calder Hall power station which was the world's first electricity producing reactor.

Due to the stability of its neutron flux over many decades, GLEEP became the world's standard calibration source for other reactor instrumentation in the 1980s.

AEAT Chernobyl contract

AEA Technology has won part of a £3.3 million contract to start making safe three nuclear reactors at the Ukraine's Chernobyl plant more than 10 years after the site was struck by an explosion.

After the 1986 disaster, the offending Reactor Four was concreted over and a programme of nuclear safety maintenance put in place. But despite international agreement that the other three reactors should be shut down, there have been no international funds made available to carry out the work.

"It will be a surprise to many that one of the three reactors is still supplying electricity for the Ukraine" comments AEAT's Richard Bailey. "This work is long overdue but it represents a very positive step towards the long-term management of Chernobyl".

EQUINOX

ECHO readers may be interested to watch Channel 4's 'Equinox' programme, to be screened at 9pm on Monday 15 September, which explores the early history of the atom bomb and features footage and interviews filmed recently at Harwell.

THE COPY DEADLINE FOR THE NEXT ISSUE IS: Monday 22 September for publication on Wednesday 8 October 1997.

ECHO is published by UKAEA, 521 Harwell, Didcot, Oxon OX11 0RA
Editor: Valerie Judd.
Tel. (01865) 331153 Fax. (01865) 331154.
Designed and produced by: The Imaging Centre, Harwell.

Your contact is: Culham/Harwell PR manager, Nick Hance, RM1-72, 521 Harwell. Tel. (01235) 436909 Fax. (01235) 436899

Copy can be sent directly to the editor via e-mail: vjpr@mail.globalnet.co.uk