

## Notícias

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Todas as publicações  
aqui referenciadas  
encontram-se  
disponíveis para  
consulta na Biblioteca.



PRESIDÊNCIA DO CONSELHO DE MINISTROS  
*Unidade de Missão Inovação e Conhecimento*

Exmo. Senhor Presidente  
Instituto Tecnológico e Nuclear – ITN  
Prof. Doutor Júlio Montalvão e Silva  
Estrada Nacional 10  
2686-953 SACAVÉM

Porto Salvo, 9 de Dezembro de 2004

Refª. 1831

Assunto: **Desenvolvimento da b-on**

A **Biblioteca do Conhecimento Online (b-on)**, iniciativa inserida no Plano de Acção para Sociedade da Informação, tem-se revelado uma iniciativa de enorme importância para a comunidade académica e científica portuguesa, facto que é confirmado pelo elevado número de *downloads* de artigos em texto integral, cerca de 1,5 milhões nos primeiros sete meses e também pela comparação com iniciativas semelhantes noutros países.

Na reunião do passado dia 25 de Novembro que reuniu os representantes das instituições utilizadoras da **b-on** foi manifestada satisfação com esta iniciativa, tendo sido reconhecido e sublinhado o seu enorme valor para a comunidade e o desejo firme da sua continuação e aprofundamento.

Estamos convictos de que este instrumento deverá ser mais e melhor utilizado pela comunidade, constituindo uma referência, um pilar firme na construção da Sociedade do Conhecimento em Portugal. Para isto, estamos certos, que muito contribuirá a campanha de divulgação em curso nos media lançada muito recentemente.

Fruto do trabalho consistente realizado pela equipa da **b-on**, foi proposto na reunião do dia 25 de Novembro um conjunto de novos conteúdos a adicionar aos existentes já a partir do início de 2005. O objectivo visado era o de conferir à **b-on** uma franca melhoria no seu impacto, bem como na cobertura das diferentes áreas do conhecimento correspondendo, assim, aos anseios da comunidade.

Contudo, o aumento expressivo de conteúdos proposto, tal como explicado no relatório distribuído na reunião e posteriormente enviado por e-mail, implicaria um aumento de custos de 42,6% relativamente aos do corrente ano. Muitas das instituições representadas na reunião manifestaram sérias reservas a um aumento de custos dessa ordem, tendo-se manifestado no sentido de alguma moderação no aumento dos custos com os conteúdos, sob pena de não os conseguirem suportar.

Perante esta situação, foi sugerido por um representante de uma instituição utilizadora um tecto máximo de 25% para o aumento dos custos a suportar na sequência da renovação dos contratos com os actuais fornecedores e dos contratos a celebrar com novos fornecedores de conteúdos. Tendo esta sugestão merecido concordância generalizada, restavam duas hipóteses: reduzir significativamente a contratação de novos conteúdos ou aumentar o financiamento público do projecto **b-on**.

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Dada a importância estratégica que o Governo Português e a UMIC atribuem a esta iniciativa e a consciência de que o alargamento de conteúdos proposto na reunião de 25 de Novembro beneficiará a comunidade de forma significativa, a UMIC desenvolveu todos os esforços no sentido de conseguir o necessário aumento do financiamento público para viabilizar a contratação dos conteúdos propostos para o segundo ano da **b-on**.

Esse objectivo foi conseguido, com a indispensável colaboração do POSI, pelo que é com grande satisfação que venho comunicar que a **b-on** irá disponibilizar, já a partir do início de 2005, conteúdos editados pelos seguintes fornecedores:

1. Elsevier
2. Wiley
3. Springer (inclui a Kluwer)
4. IEEE
5. SAGE
6. Taylor & Francis
7. Annual Reviews
8. Association for Computing Machinery
9. Institute of Physics
10. American Institute of Physics
11. Royal Society of Chemistry
12. American Chemical Society
13. Society for Industrial and Applied Mathematics
14. Zentralblatt
15. Academic Search Premier e Business Source Premier

Certo de que o investimento na Sociedade do Conhecimento é fundamental para a modernização de Portugal, enviamos os nossos melhores cumprimentos *fm*



Diogo Vasconcelos  
Encarregado de Missão  
UMIC – Presidência do Conselho de Ministros

## Conferências



Second Announcement  
Call for abstracts

<http://im2005.healthphysics.at/>

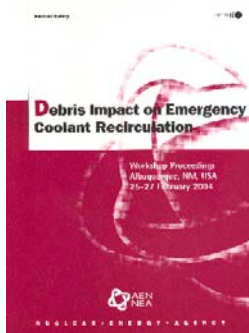
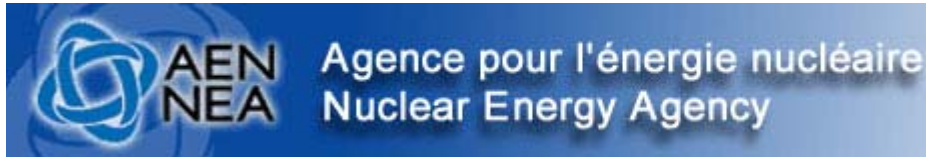
**IM2005**

**European workshop on  
individual monitoring of  
ionising radiation**

April 11 - 15, 2005

Renaissance Penta Hotel, Vienna / Austria

## Publicações Oferecidas



### **Debris Impact on Emergency Coolant Recirculation**

Workshop Proceedings, Albuquerque, NM, USA, 25-27 February 2004

Language: English , Published: 29-OCT-04 , 424 pages

NEA#05468, ISBN: 92-64-00666-4,

OECD Ordering reference number: [662004151P1](http://www.oecd.org/dataoecd/41/51/662004151P1)

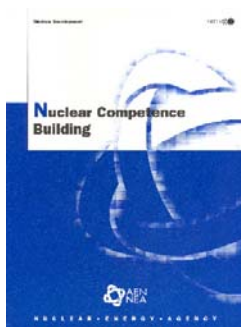
Cost: , 113 US\$, 62 £, 11500 ¥

<http://www.nea.fr/html/pub/ret.cgi?id=new#5468>

## **D** Debris Impact on Emergency Coolant Recirculation

Under normal operation, nuclear reactor fuel is cooled by water circulating in the primary circuit. In the case of a loss-of-coolant accident, the reactor is stopped automatically. Residual fuel heat must then be evacuated, typically by use of a safety injection system and a reactor containment spray system. These systems are fed with water recovered from the bottom of the containment through sumps. However, because this water may contain debris (insulating material, concrete particles, paint), sumps are equipped with strainers. These strainers may become clogged, preventing emergency coolant recirculation. This could in turn lead to reactor core overheating, or melting in the most extreme circumstances.

Participants at the workshop discussed the most recent research and developments in this field, as well as proposed and implemented solutions. These proceedings contain the papers presented at the workshop as well as a summary of the discussions that took place.



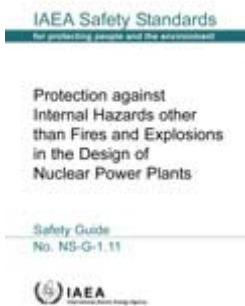
## **N**uclear Competence Building

In many countries, government R&D funding in the area of nuclear energy has been dramatically reduced or has disappeared altogether. At the same time, the profit margins of electricity generators have been severely squeezed. The combined effect has led to a reduction in technical innovation and the danger of the loss of technical competencies and skills in the area.

However, because different countries are at different stages of the nuclear technology life cycle, these losses are not common to all countries, either in their nature or their extent. A competence that may have declined or been lost in one country may be strong in another. Therein lies one solution to the problems the sector faces: international collaboration.

This report presents the results of an international survey on initiatives launched during recent years in the area of nuclear education and training. Key human resource issues are discussed and many good practices regarding international collaboration are identified.

The report includes an executive summary along with conclusions and recommendations aimed at policy makers and other stakeholders. It also contains an in-depth analysis of the factual information collected.



## Protection against Internal Hazards other than Fires and Explosions in the Design of Nuclear Power Plants Safety Guide

*Safety Standards Series No. NS-G-1.11*

The publication is a revision of the former safety standards given in Safety Series No. 50-SG-D4, dealing with protection against missiles and their consequences on the safety of nuclear power plants. This revised publication also includes other internal hazards: collapses and falling objects, pipe whips, jet effects and flooding.

STI/PUB/1191, 43 pp.; 0 figures; 2004, ISBN 92-0-104904-8, English. 20.00 Euro. Date of Issue: 10 November 2004.

Subject Classification: 0603 - Nuclear power plants; 0702 - Nuclear power operations.

[http://www-pub.iaea.org/MTCD/publications/PDF/Pub1191\\_web.pdf](http://www-pub.iaea.org/MTCD/publications/PDF/Pub1191_web.pdf)



## Development of Kits for 99mTc Radiopharmaceuticals for Infection Imaging

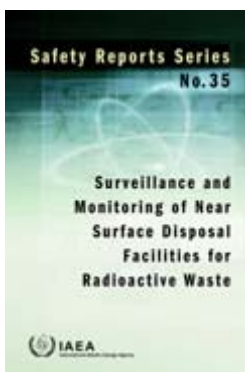
*IAEA TECDOC Series No. 1414*

Development of Tc-99m labelling strategies can be useful in the preparation of infection imaging agents by laboratories in Member States. With techniques that were developed for the testing of label stability in vitro and in vivo, with the laboratories participating in the project becoming proficient in labelling the chosen molecules with Tc-99m using a variety of techniques, and with in vivo and in vitro quality assurance measurements standardized by all participants and applied, Tc-99m agents were viewed as reliably labelled. Additionally, with the identification of Tc-99m ubiquitin peptide 29–41 as a radiolabelled agent with potential clinical utility, the project has made a major contribution to nuclear medicine by providing the first convenient Tc-99m labelled 'specific' infection imaging agent.

IAEA-TECDOC-1414, 2004, ISBN 92-0-111304-8, English. 15.00 Euro. Date of Issue: 17 November 2004.

Subject Classification: 0101 - Nuclear medicine (including radiopharmaceuticals).

[http://www-pub.iaea.org/MTCD/publications/PDF/te\\_1414\\_web.pdf](http://www-pub.iaea.org/MTCD/publications/PDF/te_1414_web.pdf)



## Surveillance and Monitoring of Near Surface Disposal Facilities for Radioactive Waste

*Safety Reports Series No. 35*

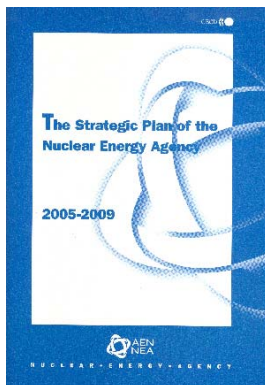
The publication deals with surveillance and monitoring activities for the purposes of demonstrating the safety of near surface radioactive waste disposal facilities. It covers all phases of facility development from siting through construction and operation to closure. It identifies the activities over which surveillance needs to be exercised and the parameters to be monitored, and provides examples of such programmes for present-day facilities. It also addresses programmes that may be necessary for older facilities which were not built to present-day standards and for which surveillance and monitoring may have to be carried out to identify remedial measures to be taken.

STI/PUB/1182, 75 pp.; 4 figures; 2004, ISBN 92-0-114903-4, English. 17.50 Euro. Date of Issue: 12 October 2004.

Subject Classification: 0608 - Waste repositories; 0611 - Radioactive waste management; 0804 - Waste management.

[http://www-pub.iaea.org/MTCD/publications/PDF/Pub1182\\_web.pdf](http://www-pub.iaea.org/MTCD/publications/PDF/Pub1182_web.pdf)

## Informação sobre Instituições Internacionais



### The Strategic Plan of the Nuclear Energy Agency - 2005-2009

Language: English , Published: 17-SEP-04 , 68 pages

NEA#05729, ISBN: 92-64-02081-0

Available on the Web at: <http://www.nea.fr/html/nea/strat04.pdf> (in PDF)

This publication is also available in French as: [Le plan stratégique de l'Agence pour l'énergie nucléaire - 2005-2009 -](#)

The NEA mission:

To assist its member countries in maintaining and further developing, through international co-operation, the scientific, technological and legal bases required for a safe, environmentally friendly and economical use of nuclear energy for peaceful purposes; as well as to provide authoritative assessments and to forge common understandings on key issues as input to government decisions on nuclear energy policy and to broader OECD policy analyses in areas such as energy and sustainable development.



### IAEA – Annual Report 2003

[http://www.iaea.org/Publications/Reports/Anrep2003/anrep2003\\_full.pdf](http://www.iaea.org/Publications/Reports/Anrep2003/anrep2003_full.pdf)



ANSTO Annual Report 2003-04

[http://www.ansto.gov.au/info/annual\\_report\\_0304/ar0304.html](http://www.ansto.gov.au/info/annual_report_0304/ar0304.html)



Documento para consulta em papel na Biblioteca

**DID-04.07**    **Productos y beneficios de los proyectos de investigación finalizados en el año 2003**

**DOC-10.04**    **Informe sobre estrategia de investigación y desarrollo del CSN. Período 2004-2007**

***Informação sobre outras Publicações:***

[http://www.csn.es/plantillas/frame\\_nivel1.jsp?id\\_nodo=251](http://www.csn.es/plantillas/frame_nivel1.jsp?id_nodo=251)