



**COUNCIL OF
THE EUROPEAN UNION**

Brussels, 27 November 2006

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ATO 148

COVER NOTE

from:	Mr Vassilis Kaskarelis, Permanent Representative of Greece to the EU
date of receipt:	20 November 2006
to:	Mr K. Gretschnann, Director General, Council of the European Union
Subject:	Advisory Committee of the Euratom Supply Agency

Dear Director General,

In reply to the above, we would inform you that on the Advisory Committee of the Euratom Supply Agency, Dr T. Matikas is replaced by Dr Konstantinos Potiriadis, nuclear physicist, head of the Department of Environmental Radioactivity Monitoring of the EEAE (Greek Atomic Energy Commission), and Dr N. Katsaros is replaced by Dr Anastasia Savvidou, nuclear physicist, head of Radioactive Waste Management at the research reactor laboratory of the Institute for Nuclear Technology – Radiation Protection of the Demokritos National Centre for Scientific Research. Brief curricula vitae (in English) of Dr Potiriadis and Dr Savvidou are attached.

Dr I. Kollas, nuclear engineer at the Institute for Nuclear Technology – Radiation Protection of the Demokritos National Centre for Scientific Research, will remain a member of the Committee.

We would request that you take the appropriate action at the General Secretariat of the Council of the European Union for the replacement and appointment of the new members.

(complimentary close)

(on behalf of the Permanent Representative)

(s.) Leonidas Rokanas

CURRICULUM VITAE
Konstantinos POTIRIADIS

Place and Date of Birth: 21/11/1963, Athens, Greece
Nationality: Greek
Present position: Head of Department of Environmental Radioactivity, Greek Atomic Energy Commission
Specialty: Nuclear Physicist

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Fax: ++30-210-6506748

Academic degrees

1981-1986: B.Sc. scholarship in Physics, University of Athens, Greece
1986-1987: M.Sc in Nuclear Physics, Institute of Nuclear Physics, "DEMOCRITOS" National Research Center for Physical Sciences.
1988-1992: Ph.D. in Physics on Proton Induced x-ray Emission, University of Athens, Greece.

Training courses

- Nuclear Analytical Techniques applied to Environmental Pollution Studies
Kalsruhe, Germany, 25.9.1995-20.10.1995.
- Training Course on Off-Site Emergency Response to Nuclear Accidents.
Agios Minas (Greece), 11-15 December 1995.
- International Seminar on the Use of Isotope Techniques on Marine Environmental Studies,
11-22 November 1996, Greece.
- Regional train the trainers workshop on monitoring strategies, procedures, reporting and transmission of data
Ukraine, 12-17 July 1999.

PROFESSIONAL AND RESEARCH EXPERIENCE

1987-1992: TANDEM laboratory, Institute of Nuclear Physics, "DEMOCRITOS" National Research Center for Physical Sciences (research fellowship). Experience in:
1. P.I.X.E. (Proton Induced x-ray Emission)
2. P.I.G.E. (Proton Induced g-ray Emission)
3. R.B.S. (Rutherford Backscattering)
4. X.R.F. (x-ray fluorescence)
1992-1994: Physics Department, Hellenic Army Research Center, Athens, Greece (Military Service)
1994-1995: Technical University of Crete, Scientific collaborator
1995-1996: Greek Atomic Energy Commission, Scientific collaborator
1996-now : Greek Atomic Energy Commission, Scientific staff. Experience in:
1. Alpha and Gamma spectroscopic measurements in environmental and biological samples
2. Total a/b measurements
3. In-vivo measurements: whole body counting & thyroid uptake in workers and members of the public.

4. in-situ investigations in case of radiological emergencies (e.g. Pu plates discovered in a Greek forest, sources discovered in scrap yards, etc)
 5. Scientific responsible for the Quality assurance of the GAEC's radioanalytical laboratory concerning ISO 17045 accreditation
 6. Education & training: teaching for: "nuclear instrumentation" at the Post Graduated Course in Medical Physics, Supervision of undergraduate Physics students thesis.
- 1999-now: Greek Atomic Energy Commission, Head of Department of Environmental Radioactivity

Main activities:

1. Environmental Radioactivity Monitoring: measurements of radioactivity in air, soil, water, foodstuff etc and compilation of data.
2. Individual monitoring of exposed workers in the country: internal exposures
3. NORMs: Inspection and licensing in facilities and workplaces with NORM activities
4. Decommissioning of places with increased levels of naturally occurring radioactive materials.
5. Emergency preparedness and response.
6. Determination of clearance levels for different practices.
7. Management of radioactive materials determined in scrap metal loads.
8. Assessment of the environmental impact of NORM wastes to the environment.

Organization of Co-ordination Group Meeting

- Fourth Area Co-ordination Group Meeting (in the framework of the project "Harmonization of nuclear emergency preparedness", IAEA)
Athens, 9-10/9/1999

Representations

- Depleted Uranium in Bosnia, Serbia and Montenegro. Post conflict Environmental Assessment in the Federal republic of Yugoslavia. (United Nations Environmental Protection, UNEP)
- "Harmonization of nuclear emergency preparedness" (1997 – 2000, IAEA)

Participation or Coordination in Research and Development Projects

- "Detection of radioactive scrap metal in the entrance of steel factories". (2001-2003, DG XI, European Commission).
- "Inspections in case of radiological or nuclear emergency situations" (Greek-Albanian co-operation 2001-2003, Ministry of Development).
- "Telemetric measurement of environmental radioactivity" (1997-2001 Ministry of Environment).
- "Radiation protection of the public from ionizing radiations" (1997-2001 Ministry of Development).
- "Inspection of environmental radioactivity" (1997-2001, Ministry of Finance, Intereg II).
- "Radiation protection of the public and the environment from ionizing radiations" (Greek Serbian collaboration, 1999-2001, Ministry of Environment).
- "Excellence in Technological Development and Research", "Excellence in Radiation Protection and Nuclear Technology" (2002-2004, Ministry of Development).
- 2003-2005: National Bank of Greece and GAEC, "Radiation protection in the decommissioning process of an old fertilizers industry."
- "Measuring radionuclide intake of workers." (2003-2005, IAEA)
- "Upgrading of the physical protection of radiation installations in Greece." (2003-2005, USA / DoE and GAEC)

Publications

- [1] Differential Scattering cross sections for 8 keV Photons in kapton and crystalline targets.
A. G. Karydas, C. Potiriadis, T. Paradelis
X-RAY SPECTROMETRY, Vol. 22 (1993).
- [2] Determination of fractal dimension in cement gels by P.I.X.E..
C. Potiriadis, Y.Bakopoulos.
X-RAY SPECTROMETRY, p.251-253, Vol. 23 (1994).
- [3] PIXE analysis of ancient Greek coins minted in Epirus, Illyria, Macedonia and Thessalia.
N. Kallithrakas-Kontos, A.A. Katsanos, C. Potiriadis, A.Oekonomides and J. Touratsoglou.
Nucl. Instr. Meth. B, 109/110, pp.662-666, (1996)
- [4] Role of projectile electrons in secondary electron emission from solid surfaces under fast ion bombardment.
A.Clouvas, C.Potiriadis, H.Rothard, D.Hofmann, R.Wunsch, K.O.Groeneveld, A.Katsanos, A.C.Xenoulis
Phys.Rev. B, V55, N18, p.12086-12098 (1997)
- [5] Sputtering rates and nanoscale cluster production in a hollow-cathode apparatus.
A.C.Xenoulis, P.Trouposkiadis, C.Potiriadis, C.Papastaikoudis, A.A.Katsanos, A.Clouvas
Nanostructure Materials Vol. 7, No. 5, pp473-486 (1996)
- [6] Ionization of clusters produced in a hollow cathode source
A.C. Xenoulis, G. Doucelis, P. Tsouris, A. Karydas, C. Potiriadis, A.A. Katsanos, Th. Tsakalagos
Vacuum Vol. 51 No. 3 pp.357-362 (1998)
- [7] Secondary electron emission near electronic stopping power maximum
R. Neugebauer, R.Wuensch, T. Jalowy, O. Groeneveld, H. Rothard, A. Clouvas, C.Potiriadis
Phys.Rev. B, V59, N17, (1999)
- [8] The size distribution of metal clusters produced in plasma-discharge hollow-cathode source
Xenoulis AC, Doukellis G, Potiriadis C, Boukos N, Vlachos DS, Tsakalagos T
Nanostructure Materials Vol. 12 (1-4), p. 311-314 (1999)
- [9] Electronic sputtering by swift highly charged ions of nitrogen on amorphous carbon
M. Caron, F.Haranger, H. Rothard, B. Ban d' Etat, P. Boduch, A. Clouvas, C.Potiriadis, R.Neugebauer, T. Jalowy
Nucl. Instr. Meth. B 179, pp.167-175 (2001)
- [10] Electronic Sputtering of Nitrogen from Carbon induced by swift highly charged ions
M. Caron, A. Clouvas, R. Neugebauer, C. Potiriadis and Rothard
Physica Scripta T92, p205-207 (2001)
- [11] Experimental study and Monte Carlo simulation of the correlation between electron emission and stopping power for swift proton impact on amorphous carbon target
M. Beuve, M. Caron, B. Gervais, H. Rothard, A. Clouvas, and C. Potiriadis
Eur. Phys. Journal D 15 (3) p. 293-300 (2001)
- [12] Experimental and theoretical study of the ratio between the electron emission yield and the electronic stopping power for protons incident on thin carbon foils
Dubus A, Pauly N, Rosler M, Rothard H, Beuve M, Caron M, Gervais B, Clouvas A, Potiriadis C
Nucl. Instr. Meth. B 193, pp. 621-625 (2002)
- [13] Improvement of peak-to-background ratio in PIXE and XRF methods using thin Si-PIN detectors.
A. G. Karydas, Ch. Zarkadas, A. Kyriakis, J. Pantazis, A. Huber, R. Redus, C. Potiriadis and T. Paradelis
X-Ray Spectrometry 32 p. 93-1005 (2003)

- [14] Electron emission induced by H⁺ and H⁰ incident on thin carbon foils: influence of charge changing processes.
N. Pauly, A. Dubus, Rosler M, Rothard H, Clouvas A, Potiriadis C
Nucl. Instr. Meth. B 230, p. 460-465 (2005).
- [15] Influence of target thickness on the backward and forward electron emission characteristics induced by proton incident on thin carbon foils.
C. Potiriadis, A. Clouvas, H. Rothard, N. Pauly, A. Dubus, M Rosler
Nucl. Instr. Meth. B 230: 466-470 (2005)
- [16] A study of PIXE continuum polarization properties
C. Potiriadis, A. G. Karydas, Ch. Zarkadas, A. Clouvas
X-Ray Spectrometry 34(4) p. 335-340 (2005).
- [17] In-situ gamma spectrometry measurements and Monte Carlo computations for the detection of radioactive contaminated scrap metals.
A. Clouvas, S. Xanthos, G. Takoudis, C. Potiriadis, A. Clouvas
Health Physics 88 (2), p.154-162 (2005).
- [18] Nuclear security and radiological preparedness for the olympic Games, Athens 2004: lessons learned for organizing major public events. V. Kamenopoulou, P. Dimitriou, CJ Hourdakis, T. Matikas, A. Maltezos, C. Potiriadis, L. Camarinopoulos. Health Physics 91(4) p.318-330 (2006)
- [19] Radioactivity monitoring in drinking water in Greece.
K. Kehagia, V. Koukoulidou, S. Bratakos, S. Seferlis, F. Tzoumerkas, C. Potiriadis.
Desalination, 2006 - in print

Studies

- Depleted Uranium in Serbia and Montenegro. Post conflict Environmental Assessment in the Federal republic of Yugoslavia. (United Nations Environmental Protection, UNEP)
<http://postconflict.unep.ch/publications/duserbiamont.pdf>
- Depleted Uranium Bosnia. Post conflict Environmental Assessment in the Federal republic of Yugoslavia. (United Nations Environmental Protection, UNEP).
- "Detection of radioactive scrap metal in the entrance of steel factories". (2001-2003, DG XI, European Commission).

Editions

- Electron Emission from Deposited Clusters Bombarded with Energetic Ions
A.C. Xenoulis, N. Boukos, A. G. Karydas, A. Clouvas, G. Doukelis, C. Potiriadis
Proc. Int. Symp. On Cluster Assembled Mater.
IPAP Conf. Series 3 pp. 7-11

Presentations in International Conferences

- [1] PIXE analysis of ancient Greek copper coins.
N. Kallithrakas-Kontos, A.A. Katsanos, C. Potiriadis, A.Oekonomides and J. Touratsoglou.
VII International conference on Particle Induced X-ray emission and its analytical applications.
(1995)
- [2] Nuclear Physics Activities and Applications in Greece
1st International Conference of Yugoslav Nuclear Society, Belgrade, 6-9 Oct. 1996
- [3] Planning the Greek national indoor radon survey.
C.Potiriadis, D.Nikolopoulos, N. Petropoulos
1st Southeastern-European Regional Radon Workshop (1997)
- [4] Environmental Radioactivity Monitoring in Greece
A.Maltezos, C.Potiriadis, A.Aravantinos
The second regional mediteranian cogresson radiation protection (Israel 1997)
- [5] Construction and testing of plasma-sputter apparatus for the production of cluster composed materials.
A.C. Xenoulis, C. Potiriadis, G. Doukellis and D. Vlachos
'Engineering, Industrial and Environmental Applications of Plasma Physics and Fusion Technology' Research Coordinated Meeting, Vienna (1998)
- [6] Uranium Determination in water samples from Kossovo and Bosnia
K. Kehagia, V. Koukouliou, K. Potiriadis
Expert-Meeting on "Depleted Uranium in Kosovo: Radiation Protection, Public Health and Environmental Aspects" Bad Honnef, Germany, 19-22 June 2001
- [7] Electron Emission from Deposited Clusters Bombarded with Energetic Ions
A.C.Xenoulis, N.Boukos, A.G. Karydas, A. Clouvas, G. Doukelis, C. Potiriadis
International symposium on Cluster Assembled Materials (9-10 June 2001, Nagoya, Japan)
- [8] Exposure to thorium caused by the cutting of a turbine engine component
V.Koukouliou, C. Potiriadis, K. Kehagia
Third symposium on Naturally Occurring Radioactive Materials, September 17-21, 2001, Brussels, Belgium.
- [9] Investigation of the restoration of an area contaminated as a result of an abandoned phosphate fertilizer industry
V.Koukouliou, C. Potiriadis, K. Kehagia
Accepted in Natural Radiation Environment (NRE-VII), 20-24/5/2002 Rhodes, Greece
- [10] V. Koukouliou, C. Potiriadis, K. Kehagia, "Exposure to thorium caused by the cutting of a turbine engine component", 1st Hellenic Symposium of Environmental Radioactivity, 23-24 November 2001, Athens, Greece & NORM III Symposium, 17.09.01 Mol, Belgium.
- [11] V. Koukouliou, C. Potiriadis, K. Kehagia, "Regulations enforced by the Greek Atomic Energy Commission concerning the phosphogypsum utilization in agriculture", International Radiation Protection Association , 7-11 October 2002, Florence, Italy.
- [12] V. Koukouliou, K. Kehagia, S. Bratakos, C. Potiriadis, "Dilution and transfer of Uranium across the underground waste channel of a phosphate fertilizer industry", 3rd Dresden Symposium on Radiation Protection ENOR III, NUSEC, 3-7 March 2003, Dresden, Germany.
- [13] V. Koukouliou, C. Potiriadis, K. Kehagia, "Regulatory Framework related to the agricultural use of phosphogypsum in Greece", 3rd Dresden Symposium on Radiation Protection ENOR III, NUSEC, 3-7 March 2003, Dresden, Germany.
- [14] V. Koukouliou, C. Potiriadis, K. Kehagia, "Regulatory Framework for workplaces with increased natural radiation exposure and norm waste disposal in Greece", 3rd Dresden Symposium on Radiation Protection ENOR III, NUSEC, 3-7 March 2003, Dresden, Germany.

- [15] V. Koukoulou, K. Kehagia, C. Potiriadis, "Assessment of Occupational Exposure at a Phosphate Fertilizer Industry in Greece", 11th International Congress of the International Radiation Protection Association, May 23-28, 2004, Madrid, Spain.
- [16] K. Kehagia, S. Bratakos, V. Koukoulou, C. Potiriadis, "The annual variation of U-238 concentration and $^{234}\text{U}/^{238}\text{U}$, $^{235}\text{U}/^{238}\text{U}$ ratios in Greek Rivers". International Conference on Isotopes in Environmental Studies 2004, 25-29 October 2004 Monte Carlo, Monaco.

CURRICULUM VITAE OF A. SAVIDOU

NOVEMBER 2006

NAME : SAVIDOU
FIRST NAME : ANASTASIA
BIRTH : 8/12/1960
PLACE OF BIRTH : NICOSIA, CYPRUS
MARITAL STATUS : MARRIED, MOTHER OF TWO CHILDREN
HOUSE ADDRESS : PAPANIKOLI 23, VOULA 166 73
TEL. : +0030 210 8993329

SPECIALITY : NUCLEAR PHYSICIST PH. D.
WORK ADDRESS : INSTITUTE OF NUCLEAR TECHNOLOGY-RADIATION
PROTECTION
NATIONAL CENTRE OF SCIENTIFIC RESEARCH
“DEMOKRITOS”
153 10 AGHIA PARASKEVI, ATTIKIS
GREECE
TEL: +0030 210 6503877
EMAIL: savidou@ipta.demokritos.gr

STUDIES

- 1978-1983: Basic training at the Department of Physics, the University of Athens, Bachelor degree in 1983.
- 1986-1991: Scholarship from the National Centre of Scientific Research “Demokritos” for graduate studies in Physics leading to doctorate degree. Doctorate thesis subject is in the Applications of Nuclear Physics.
- 1992 : PH. D. degree in Nuclear Physics from the Technical University of Athens.

SCIENTIFIC EXPERIENCE

- 1986-1991: At the TANDEM Accelerator Laboratory, Institute of Nuclear Physics of the National Centre of Scientific Research “Demokritos”. Doctorate thesis subject was the development of a proton induced gamma ray emission technique for the simultaneous determination of elements with $A \leq 15$
- 1992-1996: Post doctor at the Institute of Nuclear Technology-Radiation Protection of the National Centre of Scientific Research “Demokritos” - Involved in projects for the study of natural radionuclides and radon exhalation from building materials.
- 1997-: Permanent position at the Institute of Nuclear Technology-Radiation Protection of the National Centre of Scientific Research “Demokritos”, Responsible for the management of radioactive wastes from “Demokritos” research activities.

SCIENTIFIC ACTIVITIES

- Scholarship for the Participation in School on Nuclear Physics Applications on Material Science, Viana do Castelo Portugal, 6-18 Sept. 1987. Organisation, NATO.
- Scholarship from the International Atomic Energy Agency for a fellowship training in the field of Treatment and Disposal of Radioactive Wastes at “Institute for Energy Technology, Kjeller, Norway, 1997.
- Participation in two scientific projects of the E.U. 1992-199, “Investigation of Methods to Mitigate High Indoor Radon Concentrations, Radon in Human Environment”.
- Member of the Union of Greek Nuclear Physicists
- Member of the Nuclear Physics European Collaboration Committee (NuPECC)
- Responsible for the Management of Radioactive Waste in NCSR Demokritos.

DOCTORATE THESIS

1. The Use of Protons for the Quantitative Determination of Elements with Atomic Number Lower or Equal to 15.

PUBLICATIONS IN SCIENTIFIC JOURNALS

2. **A.Savidou** and T.Paradellis, *Determination of Light Elements in a Natural Coal Sample by PIGE Spectroscopy*, Journal of Coal Quality, **9**, 1990, p.p 44 -47.
3. M.Pilakouta, X.Aslanoglou, **A.Savidou**, T.Paradellis and E. Sideris. *A Study of the Effects of ¹⁵N Ion Beam Irradiation on Organic Compounds*, Nuclear Instruments and Methods in Physics Research, **B68**, 1992, p.p 141-144.
4. **A. Savidou**, C. Raptis and P.Kritidis, *A Study of Natural Radionuclides and Radon Emanation in Bricks used in Attica Region , Greece*. "Journal of Environmental Radioactivity", **31**, 21-28 (1996).
5. **A. Savidou**, C. Raptis and P. Kritidis, *Natural Radioactivity and Radon Exhalation from Building Materials Used in Attica Region, Greece*. "Radiation Protection Dosimetry", **59**, 306-312 (1995).
6. E. Florou, **A. Savidou**, Ch. Chaloulou, *Sr-90 Activity in Milk in a Time Series of Monthly Samples in Greece*. "Journal of dairy Science". **79**, 1679-1682, (1996).
7. **A. Savidou**, P. Kritidis, C. Raptis, St. Michaleas, *The Effects of Typical Wall Covers on Radon Exhalation Rate from Building Materials Surfaces*. "Fresenius Envir. Bull". **5**, (667-675), 1996.
8. **A. Savidou**, X. Aslanoglou, T. Paradellis, M. Pilakouta, *Proton Induced thick Target γ -ray Yield of Light Nuclei at the Energy Region $E_p=1.0-4.1$ MeV*. "Nuclear Instruments and Methods in Physics Research". **B 152** 12-18 (1999)
9. **A. Savidou***, N. Zouridakis , *Measurement of Radon Concentration in Northern Greece Ground Water*. "Fresenius Envir. Bull". **10**, (411-413), 2001.
10. **A. Savidou**, G. Sideris and N. Zouridakis, *Radon in Public Water Supplies in Migdonia Basin, Central Macedonia, Northern Greece*. Health Physics **80**, 170-174, (2001).
11. N. Zouridakis, K. M. Ochsenkuhn, **A. Savidou**, *Determination of uranium and radon in potable water samples*. Journal of Environmental Radioactivity **61**, 225-232, (2002).
12. **A.Savidou**, G. Sideris, N. Zouridakis, K. M. Ochsenkuhn and P. Sotiropoulos. *Uranium in public water supplies in Migdonia Basin, Central Macedonia, Northern Greece*. Journal of the Balkan Geophysical Society **5**, No 4, 131-134 (2002)
13. Florou H. , Kehagia K., **Savidou A.**, Trabidou G., *Uranium-238, Radium-226, Radon-222 in Metallic and Thermometallic Springs in the Ikaria Island – Eastern Aegean Sea – Greece*. Radioactivity in the Environment, **8**, (2006)
14. **A. Savidou**, K. Kehagia and K. Eleftheriadis. *Concentration levels of Pb-210 and Po-210 in dry Tobacco leaves in Greece*. Journal of Environmental Radioactivity **85**, 94-102,.(2006)

15. Tsika F., **Savidou A**, Stamatelatos I., Evaluation of Monte Carlo Technique for the Non-Destructive Characterization of Radioactive Waste Drums By. Gamma Spectrometry. (Submitted for Publication to the Health Physics, 2006)
16. Papadokostaki K. G., Amarantos S. G., Petropoulos J. H., **Savidou A.**, Potiriadis C. Study of Leaching Mechanisms of Caesium Incorporated in Ordinary Portland Cement. (In Preparation for Submission to Waste Management in 2006)
17. Papadokostaki K. G., Amarantos S. G., Petropoulos J. H., **Savidou A.**, Potiriadis C. Some Aspects of Leaching Mechanisms of Strontium Incorporated in Ordinary Portland Cement. (In preparation)

PUBLICATIONS IN CONFERENCES PROCEEDINGS

18. **A.Savidou**, X.Aslanoglou, A.Karydas, T.Paradellis, *Quantitative Analysis of Aluminium in Bauxites using PIGE*, Proceeding of the International Conference on Applications of Nuclear Techniques. Heraklio, Crece, World Scientific, 1991.Pg. 174.
19. **A.Savidou**, T.Paradellis, X.Aslanoglou, M.Pilakouta *The PIGE Method for the Analysis of Light Elements*, Proceeding of the 2nd Panhellenic Symposium on Nuclear Physics, Institute of Nuclear Physics N.R.C.P.S. "Demokritos", April 12 - 13, 1991. Pg. 245.
20. **A.Savidou**. *The Use of Proton for the Analysis of the Elements with $Z < 15$* , Proceeding of the 3rd Panhellenic Symposium on Nuclear Physics, N.T.U.A, Department of Physics, May 25-26, 1992. Pg. 203.
21. **A. Savidou**, C. Raptis, P. Kritidis, *A Study of Greek Building Materials as Indoor Radon Sources*, Proceeding of the 4th Panhellenic Symposium on Nuclear Physics, Ioannina University, Ioannina, 1-2 October, 1993. Pg. 180
22. P. Kritidis, **A. Savidou**, C. Raptis, The Problem of Radon in the Indoor Air. Third Conference on Environmental Science and Technology. Molyvos, Lesvos. Dept. of Environmental Studies 6-9 September 1993. Pg. 419.
23. **A. Savidou**, C. Raptis, P. Kritidis, *A research Study in the Radiological State of Building Materials and the Risk Assessment*, Proceeding of the 6th Panhellenic Symposium of Nuclear Physics, TEI of Piraeus. 26-27 May, 1995.
24. **A. Savidou**, C. Raptis, P. Kritidis, The building Materials of Attica Region as Natural Radioactivity Sources. 4th Conference on Environmental Science and Technology. Molyvos, Lesvos. Dept. of Environmental Studies 4-7 September 1995. Pg. 557.
25. C. Raptis, **A. Savidou**, P. Kritidis, Theoretical Study of Radon Concentration Indoors. 4th Conference on Environmental Science and Technology. Molyvos, Lesvos. Dept. of Environmental Studies 4-7 September 1995. Pg. 550.
26. C. Raptis, **A. Savidou**, P. Kritidis, Study of the Effect of Wall Covers on the Radon Exhalation From the Walls in Closed Rooms. Proceeding of the 7th Panhellenic Symposium of Nuclear Physics, TEI of Athens. 24-25 May, 1996.
27. Raptis, **A. Savidou**, P. Kritidis, Radon Diffusion Through Porous Materials - Indoor Radon Concentration Model. Third International Conference on Environmental Pollution. Thessaloniki, Greece, 16 - 20 September, 1996. Pg. 200.
28. **A. Savidou**, N. Zouridakis, Liquid Scintillation Technique for the Determination of Alpha-Emitted Radionuclides. International Conference on Instrumental Methods of Analysis Modern Trends and Applications, 19-22 Sept. 1999, Chalkidiki, Greece, Pg. 201-205.
29. **A. Savidou***, N. Zouridakis, Measurement of Radon Concentration in Northern Greece Ground Water. 10 th International Symposium on Environmental Pollution and its Impact on Life in the Mediteranean Region, October 2-6, 1999 in Alicante, Spain.
30. N. Zouridakis, **A. Savidou**, Radon Measurements in the Neolithic Cave of Diros, Greece. 3 rd International Conference of Balkan Environmental Association (B.E.N.A.) on Transboundary pollution, 23- 26 Novt. 2000, Bucharest, Romania, Pg. 158.

SCIENTIFIC STUDIES

31. **A. Savidou** and T. Paradellis, *Determination of Carbon Concentration in Steel by Using Prompt Gamma rays from the $^{12}\text{C}(p,\gamma)^{13}\text{N}$ Reaction*. Institute of Nuclear Physics, N.C.S.R. "Demokritos", Annual Report 1990.
32. **A. Savidou**, T. Paradellis, X. Aslanoglou and M. Pilakouta, *The Use of PIGE as a Multielement Analytical Method for Low Z Elements*. Institute of Nuclear Physics, N.C.S.R. "Demokritos", Annual Report 1990.
33. **A. Savidou**, X. Aslanoglou, T. Paradellis and A. Karydas, *Analysis of Bauxites using PIGE*. Institute of Nuclear Physics, N.C.S.R. "Demokritos", Annual Report 1990.
34. **A. Savidou**, A. Karydas and N. Gangas. *Elemental Analysis of Pillared Layered Clays by PIGE and PIXE induced XRF*. Institute of Nuclear Physics, N.C.S.R. "Demokritos", Annual Report 1991.
35. **A. Savidou**, N. Zouridakis. *Rn-222 Measurements in Water and Air Samples. Demo 1999/2G, June 1999*, N.C.S.R. "Demokritos".
36. **A. Savidou**, N. Zouridakis. Control of the Rn-222 process of Analysis in Water Samples by the Liquid Scintillation Technique. *Demo 2001/1G, January 2001*, N.C.S.R. "Demokritos".
37. B. Leli, **A. Savidou**, N. Zouridakis. Radon Measurements in Water Samples from Springs and Boreholes in West Crete. *Demo 2001/7G, November 2001*, N.C.S.R. "Demokritos".
38. K. Kehayia, **A. Savidou**, K. Eleftheriadis. Radiochemical Method for the Determination of Po-210 Concentration in Tobacco Samples. *Demo 2002/3G, December 2002*, N.C.S.R. "Demokritos".

CITATIONS BY OTHERS (November 2006)

5 SAVIDOU A HEALTH PHYS VOL. 80 P.170 2001

Ishikawa T, Tokonami S, Yoshinaga S, et al.

Airborne and waterborne radon concentrations in areas with use of groundwater supplies
J RADIOANAL NUCL CH 267 (1): 85-88 DEC 2005

Al-Azmi D, Snopek B, Sayed AM, et al.

A simple bubbling system for measuring radon (Rn-222) gas concentrations in water samples based on the high solubility of radon in olive oil
J ENVIRON RADIOACTIV 71 (2): 175-186 2004

Louizi A, Nikolopoulos D, Koukoulidou V, et al.

Study of a Greek area with enhanced indoor radon concentrations
RADIAT PROT DOSIM 106 (3): 219-226 2003

Trautmannsheimer M, Schindlmeier W, Borner K

Radon concentration measurements and personnel exposure levels in Bavarian water supply facilities
HEALTH PHYS 84 (1): 100-110 JAN 2003

Kusyk M, Mamont-Ciesla K

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