



American Model United Nations
International Atomic Energy Agency

IAEA/I/1

SUBJECT OF RESOLUTION: Nuclear and radiation safety

SUBMITTED TO: The International Atomic Energy Agency

The International Atomic Energy Agency,

1 *Recognizing* the importance of the work of the International Atomic Energy Agency, henceforth referred to
2 as the Agency,

3 *Reaffirming* Resolution GC(56)/RES/9 on measures to strengthen international cooperation in nuclear,
4 radiation, transport and waste safety,

5 *Taking note* of the Agency's Deputy Director General and Head of the Department of Nuclear Safety and
6 Security's statement on nuclear peer review systems and their positive contributions to improving global nuclear
7 safety,

8 *Welcoming* Member States to strengthen capacity-building efforts on global nuclear and radiological safety
9 by making use of the Agency's International School of Nuclear and Radiological Leadership for Safety,

10 *Emphasizing* the global need for renewable power sources, if used appropriately, to address increasingly
11 relevant climate issues,

12 *Affirming* that nuclear energy possesses a capacity for generating renewable power,

13 *Fully aware* of the necessity for the training and education of personnel in the IAEA's Safety Standards to
14 provide to Member States a competent workforce and to further the development of safe nuclear practices,

15 *Seeking* to increase the Global Nuclear Safety and Security Network's (GNSSN) role in sharing research into
16 nuclear reactor plant safety, radioactive waste disposal, and the safe transportation of such materials throughout the
17 international community,

18 *Understanding* that not every Member States possesses the ability to implement any new nuclear safety
19 technologies within an expedited time frame,

20 *Further understanding* that not all Member States have the necessary resources for implementing new reactor
21 technologies, such as a lack of nuclear education levels or insufficient funds for the construction of nuclear facilities,

22 1. *Implores* Member States to make use of the Agency's array of peer review services such as the Integrated
23 Regulatory Review Service and the Integrated Review Service for Radioactive Waste and Spent Fuel Management,
24 Decommissioning and Remediation;

25 2. *Decides* Member States should receive need-based funding from the Agency based upon participation in
26 the Agency's peer review services and adherence to IAEA safety standards;

27 3. *Encourages* consenting Member States to share their knowledge of nuclear safety practices via the Global
28 Nuclear Safety and Security Network (GNSSN);

29 4. *Invites* Member States to make use of the IAEA Nuclear Security Training and Demonstration Centre
30 and its resources in order to:

31 (a) Educate professionals at nuclear facilities on the proper manner for transporting and disposing
32 of nuclear materials and radioactive waste;

33 (b) Maintain the sufficient knowledge and technical skills of current and future professionals for the
34 safe operation of nuclear power plants, including knowledge and skills pertaining to the emergence of new technologies;

35 5. *Further invites* experts at the IAEA Nuclear Security Training and Demonstration Centre to investigate
36 new sustainable methods for educating Member States about the safe operations and handling of nuclear materials;

37 6. *Calls for* the expansion of the Nuclear Security Training and Demonstration Centre by creating an
38 installment of a new working group, named Working Group on Nuclear Power Generation and Waste Disposal, with
39 the general mission of researching:

40 (a) Further standardization of safety methods and practices for all nuclear power plants;

41 (b) Expanding efforts to increase the efficiency of current reactor types, in particular cost effectiveness
42 and power generation efficiency of said reactor types;

43 (c) Increasing research efforts into new nuclear reactors types, such as breeder and fusion reactors,
44 to provide new, safe and abundant power generation;

45 (d) Furthering research and development into specifically nuclear fusion reactors;

46 (e) Any other facet of nuclear energy and nuclear materials may be researched by the expert re-
47 searchers as they see fit, and if new research projects not outlined in this paper require more funds, this must be
48 pre-approved by the agency;

49 (f) If further communication or clarification between the Agency and experts is requested or neces-
50 sary, the Agency will facilitate a discussion;

51 7. *Instructs* that any necessary funds for research and development into nuclear materials and nuclear
52 technology should be headed by the IAEA Nuclear Security Training and Demonstration Centre:

53 (a) The IAEA Nuclear Security Training and Demonstration Centre shall estimate their specific
54 funding needs annually;

55 (b) The IAEA Nuclear Security Training and Demonstration Centre shall request these funds from
56 the agency;

57 8. *Further instructs* the Agency to revisit this topic and the efficiency of the new working group at the 66th
58 IAEA conference to fully determine competency of these provisions.

Passed, Yes: 29 / No: 1 / Abstain: 1