

**COMMITTEE ON SCIENCE AND TECHNOLOGY
ENERGY & ENVIRONMENT SUBCOMMITTEE MARKUP
July 28, 2010**

AMENDMENT ROSTER

H. R. 5866, the *Nuclear Energy Research and Development Act of 2010*

No.	Amendment	Summary	Results
1	Mr. Baird (052)	<p>Manager’s amendment makes technical and clarifying changes to the bill.</p> <p>Amends Section 5 by changing the term “Non-Federal Share” to “Cost-Sharing” throughout the Section, and clarifies that federally appropriated funds may not be used to satisfy the Non-Federal cost share requirement.</p> <p>Amends Section 6 by adding “improve waste management” to the fuel cycle research and development program directives.</p> <p>Amends the contents of the emergency risk assessment and preparedness report required under Section 8.</p>	Passed by voice vote
2	Ms. Biggert (116)	<p>Amends Section 2 of the bill by adding the following new objective to Section 951(a) of the Energy Policy Act of 2005: “Researching and developing technologies and processes so as to improve and streamline the process by which nuclear power systems meet Federal and State requirements and standards.”</p>	Passed by voice vote
3	Mr. Matheson/ Ms. Giffords (066)	<p>Amends Section 4 of the bill by requiring the Secretary, in the course of conducting the reactor concepts program, to examine advanced reactor designs and nuclear technologies that “minimize water usage or use alternatives to water as a cooling mechanism.”</p>	Passed by voice vote
4	Mr. Bartlett (027)	<p>Amends Section 5 of the bill by requiring the Secretary to “consult with and utilize the expertise of the Secretary of the Navy in establishing and carrying out” the Small Modular Reactor program.</p>	Passed by voice vote
5	Mr. Lipinski (076)	<p>Amends Section 5 of the bill by requiring applicants for a cooperative agreement to include information, in their proposal to the Secretary, regarding the “extent to which the proposal will increase domestic manufacturing activity, exports, or employment.”</p>	Withdrawn
6	Mr. Luján (066)	<p>Amends Section 5 of the bill by requiring the Secretary to consider the “degree to which the goals described in paragraphs (4)(A) through (G) [of Section 5] will be</p>	Passed by voice vote

		advanced” when evaluating a proposed cooperative agreement.	
7	Ms. Biggert/ Mr. Garamendi (115)	Amends Section 6 by adding “improve waste management” to the fuel cycle research and development program directives. Adds a new subsection to Section 953 of the Energy Policy Act of 2005 authorizing additional advanced recycling and crosscutting activities.	Passed by voice vote
8	Mr. Garamendi (021)	Amends the description of the “Full Recycle” fuel cycle option in Section 6 of the bill by striking the term “technologies” and inserting “recycling technologies, including advanced integral fast reactors”.	Withdrawn
9	Mr. Inglis (027)	Amends Section 6 of the bill to require that the Secretary’s report to Congress related to the Blue Ribbon Commission on America’s Nuclear Future final report include “a response to each of the Commission’s recommendations, including an analysis comparing the safety, security, legal, cost, and technological and site readiness factors associated with any recommendations related to final disposition pathways for spent nuclear fuel and high-level radioactive waste to the same factors associated with permanent deep geological disposal at the Yucca Mountain waste repository.” Also requires the analysis described above to be conducted “using scientific and technical materials and information used to support policy actions related to the Yucca Mountain Project.”	Withdrawn
10	Ms. Johnson (128)	Adds a new section to the bill requiring the Secretary to “enter into an arrangement with the National Academies to conduct an evaluation of the scientific and technological challenges to the long-term maintenance and safe operation of currently deployed nuclear power reactors up to and beyond the specified design-life of reactor systems.” Requires the Secretary to make the results of the evaluation publicly available and to submit a report to Congress on the results no later than 1 year after the date of enactment of the Act.	Passed by voice vote