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SUMMARY OF 2013 NUCLEAR POLICY RECOMMENDATIONS

2013 IEPR – Diablo Canyon Power Plant			Category
2013-6-01	PG&E	PG&E should continue to provide updates on its progress in completing the <i>AB 1632 Report</i> -recommended studies to the Energy Commission and make its findings and conclusions available to the Energy Commission, the CPUC, and the NRC during their reviews of the Diablo Canyon license renewal application.	Seismic
2013-6-02	PG&E	PG&E should provide updated evacuation time estimates, including a real-time evacuation scenario following a seismic event, and submit to the Energy Commission as part of the <i>IEPR</i> reporting process.	Emergency planning
2013-6-03	PG&E	Based on mounting clean-up costs for the 2011 Fukushima accident, PG&E should provide to the Energy Commission and CPUC a comprehensive study on whether the Price-Anderson liability coverage for a severe event at Diablo Canyon would be adequate to cover liabilities resulting from a large offsite release of radioactive materials in San Luis Obispo County and adjacent counties included in the Ingestion Pathway Zone, and if not, identify and quantify other funding sources that would be necessary to cover any shortfall. The CPUC should consider requiring PG&E to complete such a study as a condition of future License Renewal funding approval.	Emergency planning/Economics
2013-6-04	PG&E	To help ensure plant reliability and minimize costs to ratepayers, the Nuclear Regulatory Commission should, in an open, timely and transparent process, ensure that all seismic hazard analyses for Diablo Canyon are evaluated against the licensed design basis elements for the Design Earthquake and the Double Design Earthquake, in addition to the Hosgri earthquake element prior to consideration or approval of the Diablo Canyon license renewal application. As part of the <i>IEPR</i> reporting process, PG&E should update the Energy Commission on the progress of this evaluation and provide the final product to the Energy Commission when it is completed.	Seismic
2013-6-05	PG&E	PG&E should, as expeditiously as possible, bring Diablo Canyon into compliance with the applicable 2004 National Fire Protection Agency fire protection regulations and report to the Energy Commission on its progress until full compliance is achieved.	Spent fuel management
2013-6-06	PG&E CPUC	PG&E should evaluate the potential long-term impacts and projected costs of spent fuel storage in pools versus dry cask storage of higher burn-up fuels ³⁷⁴ in densely packed pools, and the potential degradation of fuels and package integrity during long-term wet and dry storage and transportation offsite and submit the findings to the Energy Commission and CPUC. The Energy Commission recommends that the CPUC require expedited transfer of spent fuel assemblies from wet pools to dry cask storage be included in the decommissioning process and the costs of this expedited removal be included in decommissioning funds before license renewal funding is granted.	Spent fuel management

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2013-6-07	PG&E	To help ensure plant reliability and minimize costs to ratepayers, prior to reactivating the Diablo Canyon license renewal application with the Nuclear Regulatory Commission, PG&E should provide to the Energy Commission and CPUC an evaluation of the structural integrity of the concrete and reinforcing steel in the spent fuel pools, including any increased vulnerability to damage resulting from a seismic event.	Spent fuel management
2013-6-08	PG&E	PG&E should perform, and report to the Energy Commission and CPUC as part of the <i>IEPR</i> reporting process, an evaluation of the inventory of the spent fuel pools to determine the maximum number of spent fuel bundles it can move on a per year basis from the spent fuel pools into dry cask storage, taking into consideration the following constraints: <ul style="list-style-type: none"> • Thermal limits of the dry casks imposing a minimum threshold on the age of the spent fuels • Federal requirements on older spent fuels surrounding newer spent fuels • Availability of dry casks • Building schedule(s) of dry cask storage pads • Coordination of refueling outages and dry casks loading schedules • Availability of plant staff and contractors for dry cask loadings. 	Spent fuel management
2013-6-09	PG&E	To reduce the volume of spent fuel packed into Diablo Canyon’s storage pools (and consequently the radioactive material available for dispersal in the event of an accident or sabotage), PG&E should, as soon as practicable and while maintaining compliance with Nuclear Regulatory Commission spent fuel cask and pool storage requirements, transfer spent fuel from the pools into dry casks and report to the Energy Commission on its progress until the pools have been returned to open racking arrangements.	Spent fuel management
2013-6-10	DCISC PG&E	The Diablo Canyon Independent Safety Committee should monitor PG&E’s progress in completing the root cause evaluation of laminar flaws on the Unit 2 pressurizer nozzles and identification of required corrective actions over the next cycle of operation, and follow the issue until it is resolved.	Safe operations
2013 IEPR – San Onofre Nuclear Generating Station			Category
2013-6-11	SCE	SCE should complete the seismic studies identified in Advice Letter 2930-E, approved by the CPUC Energy Division on September 18, 2013, and provide results of the studies to the Energy Commission and CPUC.	Seismic
2013-6-12	SCE	SCE should, as soon as practicable, expand the Independent Spent Fuel Storage Installation and transfer spent fuel from pools into dry casks, while maintaining compliance with Nuclear Regulatory Commission	Spent fuel management

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		spent fuel cask and pool storage requirements and report to the Energy Commission on its progress until all spent fuel is transferred to dry cask storage.	
2013-6-13	SCE	SCE should submit a decommissioning plan to the Nuclear Regulatory Commission as soon as possible and proceed with decommissioning of San Onofre swiftly, providing progress updates to the Energy Commission until decommissioning of the site is completed.	Decommissioning (complete)
2013 IEPR – Nuclear Waste			Category
2013-6-14	CEC	The Energy Commission will continue to monitor federal nuclear waste management program activities and represent California in the reactivated Yucca Mountain licensing proceeding to ensure that California’s interests are protected regarding potential groundwater and spent fuel transportation impacts in California.	Spent fuel management
2013-6-15	CEC	The Energy Commission supports federal efforts to develop an integrated system for management and disposal of nuclear waste, including the establishment of a new, consent-based approach to siting future nuclear waste management facilities.	Spent fuel management