



# Updated Generic Model Combined License And Initial COLs

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# Background

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- ❑ SECY-00-0092, COL Review Process, 4/20/2000
- ❑ SECY-05-0197, Review of Operational Programs in a COL Application & Generic EP ITAAC, 10/28/05
- ❑ RG 1.206, Combined License Applications for Nuclear Power Plants, June 2007
- ❑ Proposed draft model COL – 5/13/09 public meeting
- ❑ NEI letter provides comments – 6/3/09



# Today

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- provide proposed responses to NEI comments
- discuss additional changes proposed to update generic model COL
- discuss potential new generic license conditions identified during COL reviews
- discuss use of the updated draft generic model COL for development of the initial COLs



# Responses to NEI Comments

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- Review separate handout containing NRC responses to NEI comments provided in letter dated June 3, 2009 (ML110410311) in conjunction with Model COL provided at May 13, 2009, public meeting



# Additional changes to Model COL

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- Review updated generic model COL provided as enclosure to public meeting notice (ML110420142) and identify additional changes that were made in addition to those associated with responses to NEI comments



# Errata to Meeting Notice Enclosure

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1.I. Placeholder for Commission finding in accordance with 10 CFR 52.97(a)(2) that certain acceptance criteria in one or more of the inspections, tests, analyses, and acceptance criteria (ITAAC) in a referenced early site permit (including limited work authorization) or standard design certification **are** met.

2.D.(13) Operational Requirements - The following operational requirements that are applicable to this license will become effective when the Commission finds that the acceptance criteria in this license (ITAAC) **are** met in accordance with 10 CFR 52.103(g):



# Errata to Meeting Notice Enclosure

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2.A. This license applies to the [*Name of Nuclear Facility*], a light-water nuclear reactor and associated equipment (the facility), owned by the licensee. The facility is located [*describe individual facility location as provided in FSAR in sufficient detail to avoid confusion concerning the facility location, e.g., on a 2000 acre site on the east bank of the Glacier River approximately 50 miles southwest of Summertown, MT*] and as described in the licensee's final safety analysis report (FSAR), as supplemented and amended.



# Errata to Meeting Notice Enclosure

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- 2.B.(3)(i) Pursuant to the Act and 10 CFR Parts 30, 40, and 70, to receive, possess, and use, at any time, such byproduct, source, and special nuclear material as sealed neutron sources for reactor startup, sealed sources for reactor instrumentation and radiation monitoring equipment calibration, and as fission detectors, in amounts, as required, but not uranium hexafluoride in excess of 50 kilograms in a single container or 1000 kilograms total;
- 2.B.(4)(i) Pursuant to the Act and 10 CFR Parts 30, 40, and 70, to receive, possess, and use in amounts not exceeding those specified in 10 CFR 30.72, any byproduct, source, and special nuclear material that is (1) in unsealed form; (2) on foils or plated surfaces; or (3) sealed in glass, for sample analysis or instrument calibration or other activity associated with radioactive apparatus or components;





# Errata to Meeting Notice Enclosure

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2.D.(1) The licensee shall perform detailed geologic mapping of excavations for the nuclear island structures, including an assessment of the mapping findings; examine and evaluate geologic features discovered in the excavations for safety-related structures other than those for the nuclear island; and notify the Director of the Office of New Reactors, or the Director's designee, once excavations for the safety-related structures are open for examination by the NRC staff.



# Errata to Meeting Notice Enclosure

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2.D.(9)(ii) The licensee shall report any violations of the requirements in Section 2.D.(3)(ii), Section 2.D.(4), Section 2.D.(5), Section 2.D.(6), and Section 2.D.(7) [*and Section 2.D.(8) if specific power levels are identified for testing,*] of this license within 24 hours. Initial notification shall be made to the NRC Operations Center in accordance with 10 CFR 50.72, with written follow up in accordance with the provisions of 10 CFR 50.73.



# Errata to Meeting Notice Enclosure

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- 2.E. Prior to fuel load, the licensee shall implement the guidance and strategies developed in accordance with 10 CFR 50.54(hh)(2). Within 12 months after COL issuance, the licensee shall submit to the Director of the Office of New Reactors, or the Director's designee, an implementation schedule for the guidance and strategies developed in accordance with 10 CFR 50.54(hh)(2). The schedule shall be updated every 6 months until 12 months before scheduled fuel load, and monthly thereafter until the guidance and strategies have been fully implemented or the plant has been placed into commercial service, whichever comes first. The licensee shall maintain the guidance and strategies developed in accordance with 10 CFR 50.54(hh)(2).



# Potential new generic conditions

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- Review draft list of potential new generic license conditions that have resulted from COL application reviews and license conditions proposed by COL applicants (provided as separate handout)



# Next Steps

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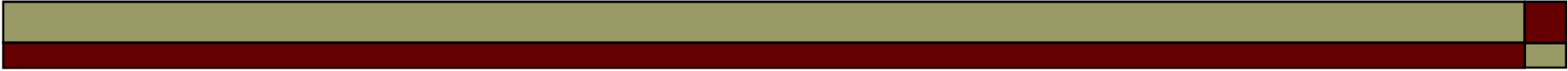
- Obtain alignment on updated generic COL
  - Solicit additional issues for consideration
  - Solicit input on NRC-identified changes
  - Solicit input on potential new generic conditions
  
- Staff is shifting focus to preparation of the initial drafts for the first few COLs (in parallel with updating the generic model COL)



# Next Steps

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- Staff does not plan to hold additional public meetings to further develop the generic COL
- Staff will use input and feedback from today to further develop the initial draft COLs – these will become the templates for future combined licenses
- A proposed COL will be included for information as an attachment to the Staff paper provided to the Commission to support each Mandatory Hearing



# Updated Generic Model COL and Initial Combined Licenses

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Questions  
&  
Discussions