

Separate Licensing of Structural Engineers

FSEA Structural Licensure Forum
June 5, 2009

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Principal

LEO A DALY

AGENDA

What

Why

Who

How

Conclusion



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WHAT?

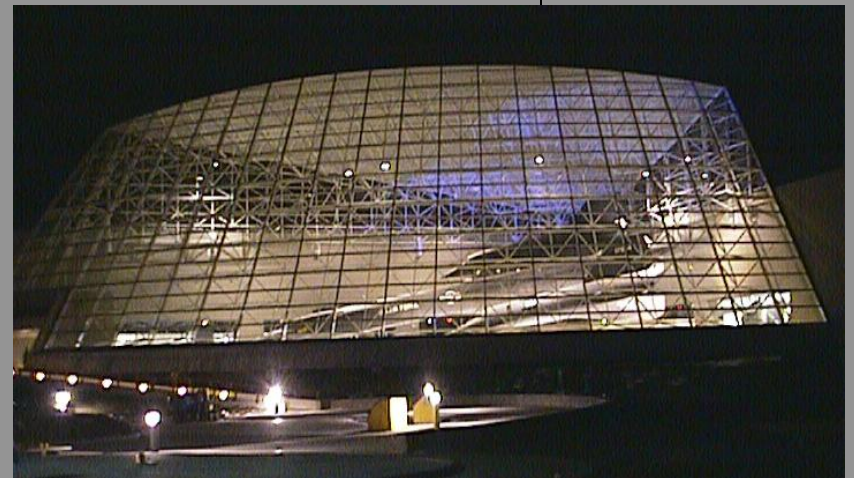
HISTORY

- 1907 – Wyoming licensed engineers
- 55 jurisdictions license engineers
- 1915 – Illinois established structural engineering practice act
 - ... *compelled to keep "fools and rascals from building unsafe structures."*
- 10 states have some form of separate licensing for structural engineers



Defining separate licensing

- Requirements beyond general engineering
- Special requirements for licensing
- Rules and regulations
- Legislative statutes concerning practice
- Restrictions on practice



TYPES OF SEPARATE LICENSING

- Roster Designation
- Title Designation
- Partial Practice Designation
- Full Practice Designation



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WHY?

**PROTECT THE
HEALTH
SAFETY AND
WELFARE OF
THE PUBLIC**



Protect from What?

- Unqualified Professionals
- Inexperienced Professionals
- Professionals not current with changes
- Inadequate Structures
- Costly Failures



... compelled to keep "fools and rascals from building unsafe structures."

MORE:

- Complex Structures
- Complex Building Materials
- Complex Codes and Specifications
- Complex Computer Programs

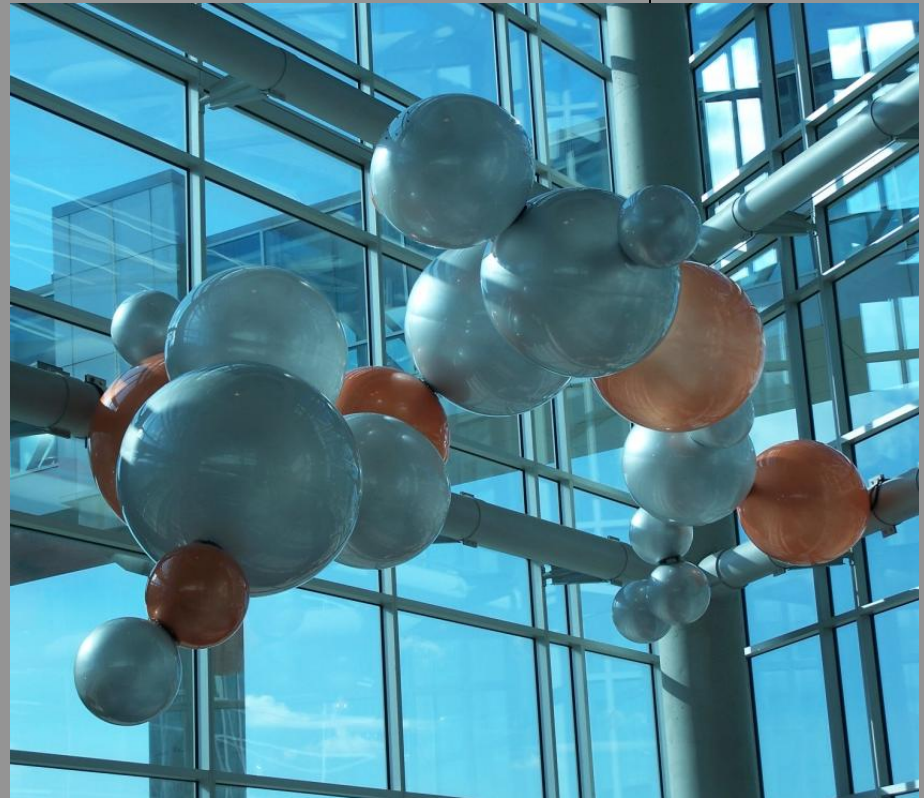


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LESS:

- Time
- Budget
- Training



COMPLEXITIES

- Increased expectations for performance
- Complex serviceability requirements
- Complex project delivery methods
- Design for extremes



Benefits

- Mobility
- Less confusion to public
- Insurance reductions
- Recognition by Building Officials
- Ease of licensing
- Reduce discipline cases



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WHO?

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Full Practice Designation

Hawaii, Illinois

Partial Practice Designation

California, Oregon, Utah

Washington, Nevada

Title Designation

Idaho, Nebraska, New Mexico

Roster Designation

States Making Changes

Missouri, Kansas, Florida, Ohio, Nebraska



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HOW?

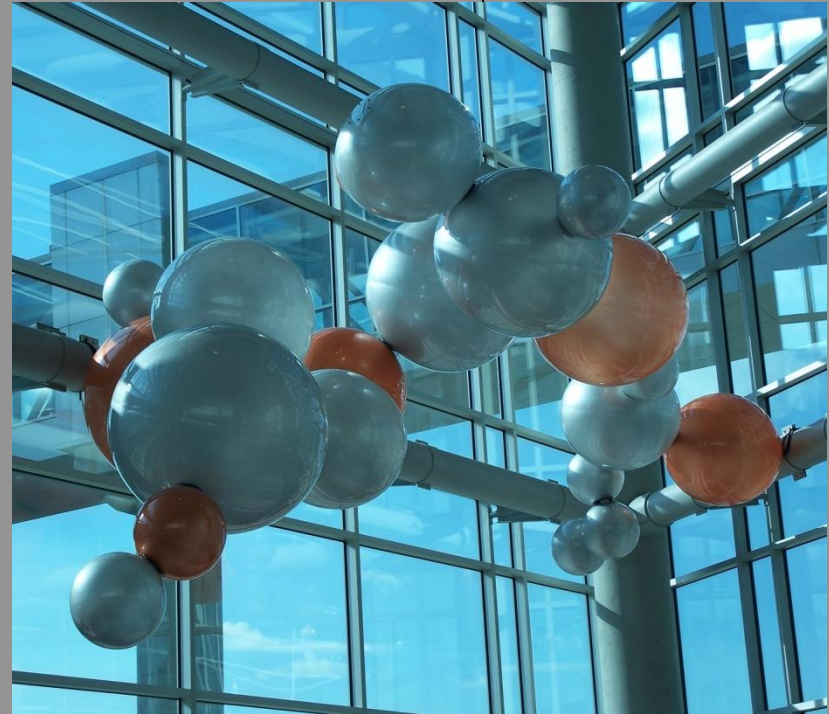
Steps to Separate Licensing

- Licensing Committee
- Investigate State Rules and Statutes
- Enlist Help
 - those who have succeeded
 - NCSEA
 - SEI
 - ASCE
- Advocate in State Legislature



Determine Extent

- Requirements for Licensing
- NCEES Model Law
- Include “Grandfathering” Clause
- Type of Designation
- Limits on Practice
- Legal language required



COMMUNICATE AND EDUCATE

- Structural Engineers
- Other Professionals
- Licensing Board
- Public Officials
- Legislature
- Public



CONCLUSION

- Protect the Public
- Complexities of the Profession
- Additional Benefit



QUESTIONS?



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