

NRC Commissioner Briefing Subsequent License Renewal

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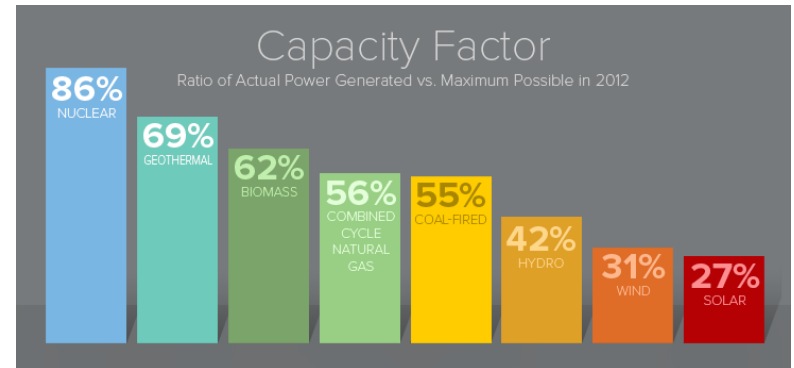


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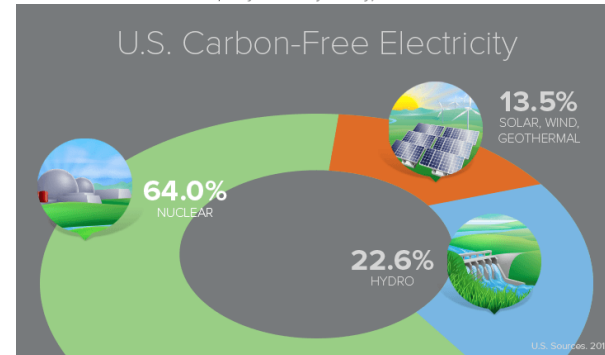
Always-On Reliability

Carbon-Free Electricity

Economic Engines



Source: Nuclear Energy Institute. US Nuclear Power Plant Statistics. <http://www.nei.org/Knowledge-Center/Nuclear-Statistics/US-Nuclear-Power-Plants/US-Capacity-Factors-by-Fuel-Type>



Source: Nuclear Energy Institute. Sources of Emission-Free Electricity. <http://www.nei.org/Knowledge-Center/Nuclear-Statistics/Environment-Emissions-Prevented>

Industry Perspective for Success

✓ **We must continue to operate the plants safely**

✓ **Regulatory Stability is essential**

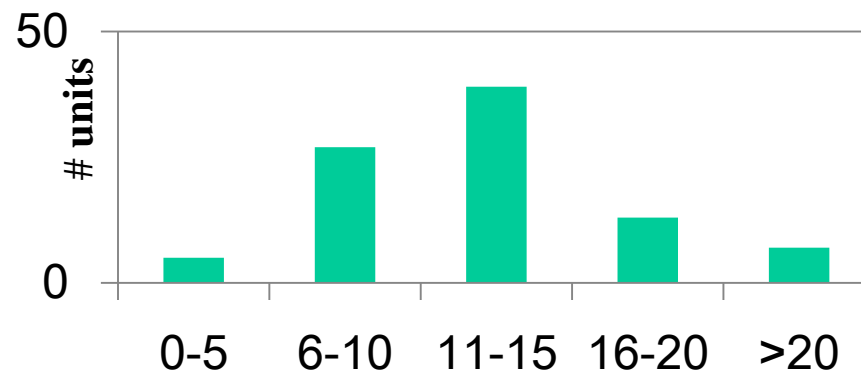
Existing Rule is comprehensive and accommodates Subsequent License Renewal

Industry Perspective for Success

- ✓ **Accommodate lead times for energy planning, rigorous application development, thorough NRC review and final NRC decisions well before license terms expire**

Applications were submitted on average about 13 years before license expiration for the first renewals

**LR Application Lead Times
(Years)**

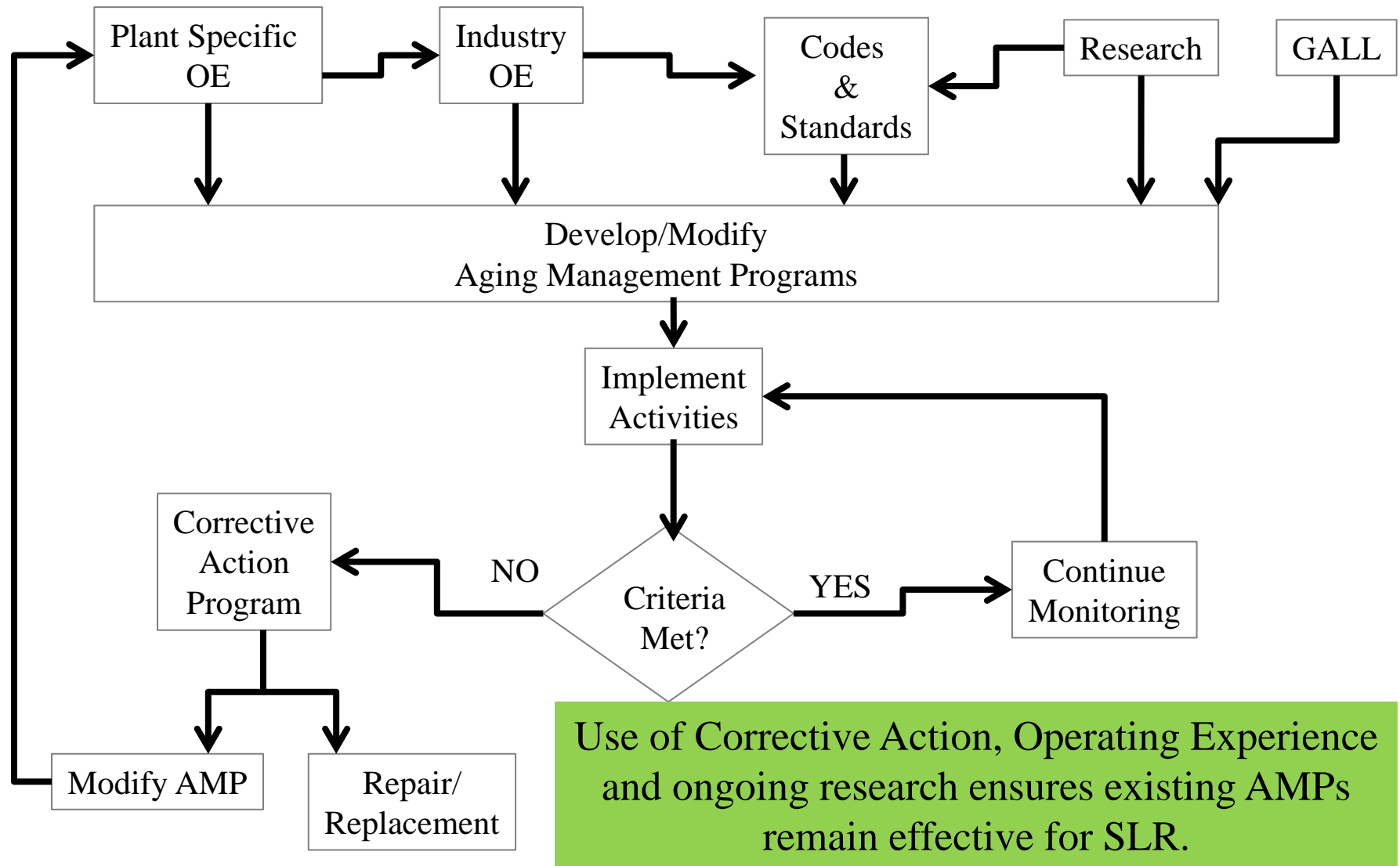


Industry Perspective for Success

✓ Build off of the success of the first License Renewals

- LR Implementation Guidance is thorough and has been frequently updated
- Aging management is improved with operating experience and ongoing research
- Build on the over 45 years of industry Aging Management Experience

Aging Management Programs



Questions?



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