



SOUTH PLATTE
RENEW

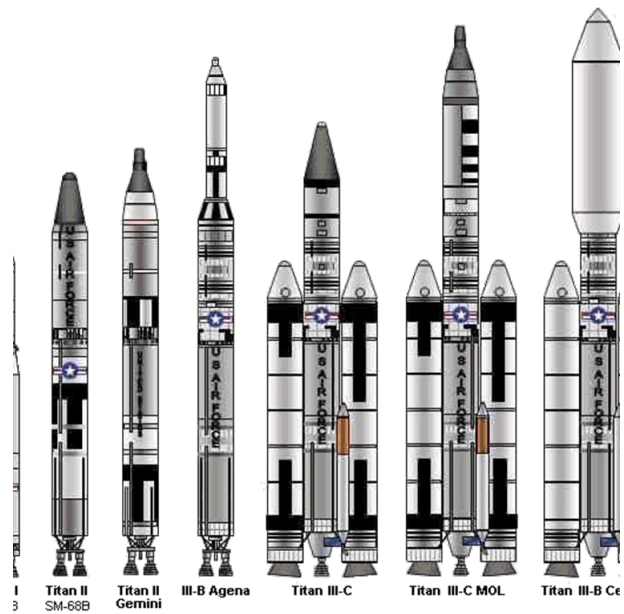
Mercury Investigation

CIPCA 2023 Fall Conference



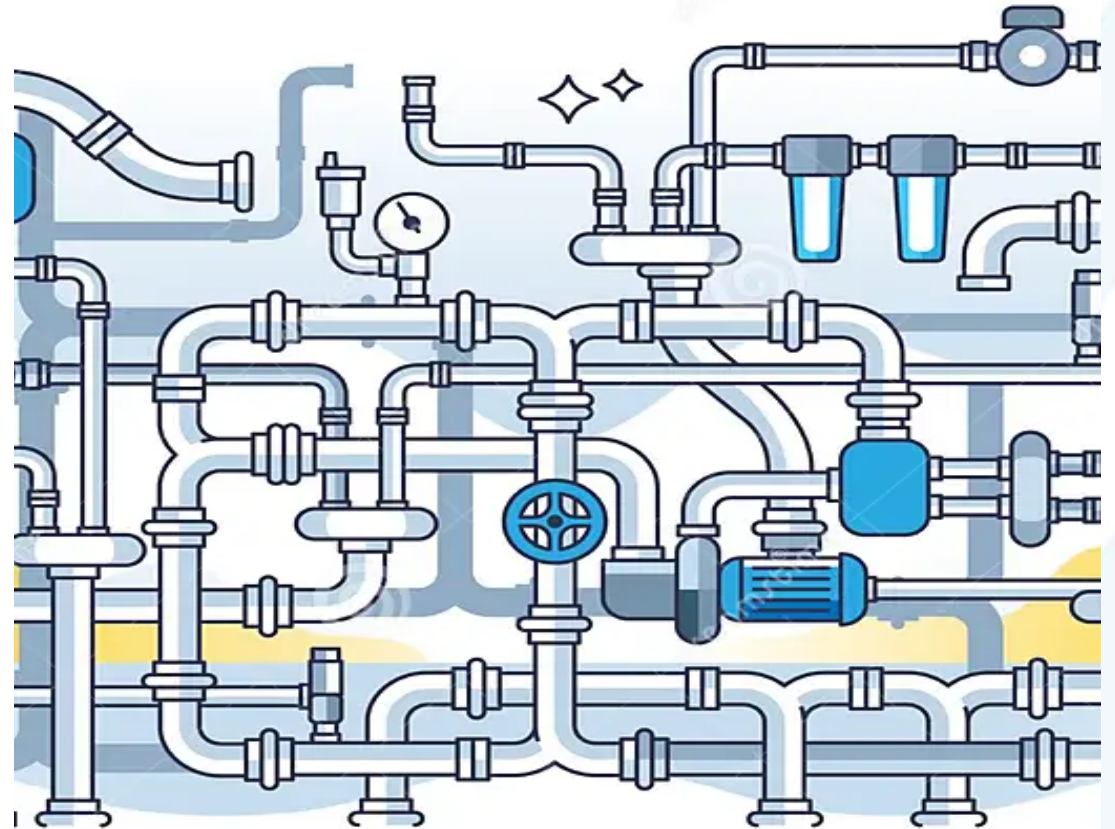
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What do these have in common?



Facility Background

- Aerospace facility
- Established in 1956
- Pretreatment Permit in 2007
- 5,500 acre site
- 300 plus structures
- ~6,000 employees
- Direct and indirect discharges
- No known mercury use for years



Concerns

- SIU permit violation(s) - 2nd, 3rd, 4th quarters
- South Platte Renew mercury – elevated effluent sampling results
- SPR 2-year rolling average concerns
- Sanitation district – collection system concerns



Collaborative Investigation

- Facility/Pretreatment collaboration meeting
- SPR shared resources - loaned samplers and equipment to facility
- Methodical sampling plan
- Facility inventory and purchase records review
- **Facility communication – intranet request for historical information associated with use of mercury at specific locations**

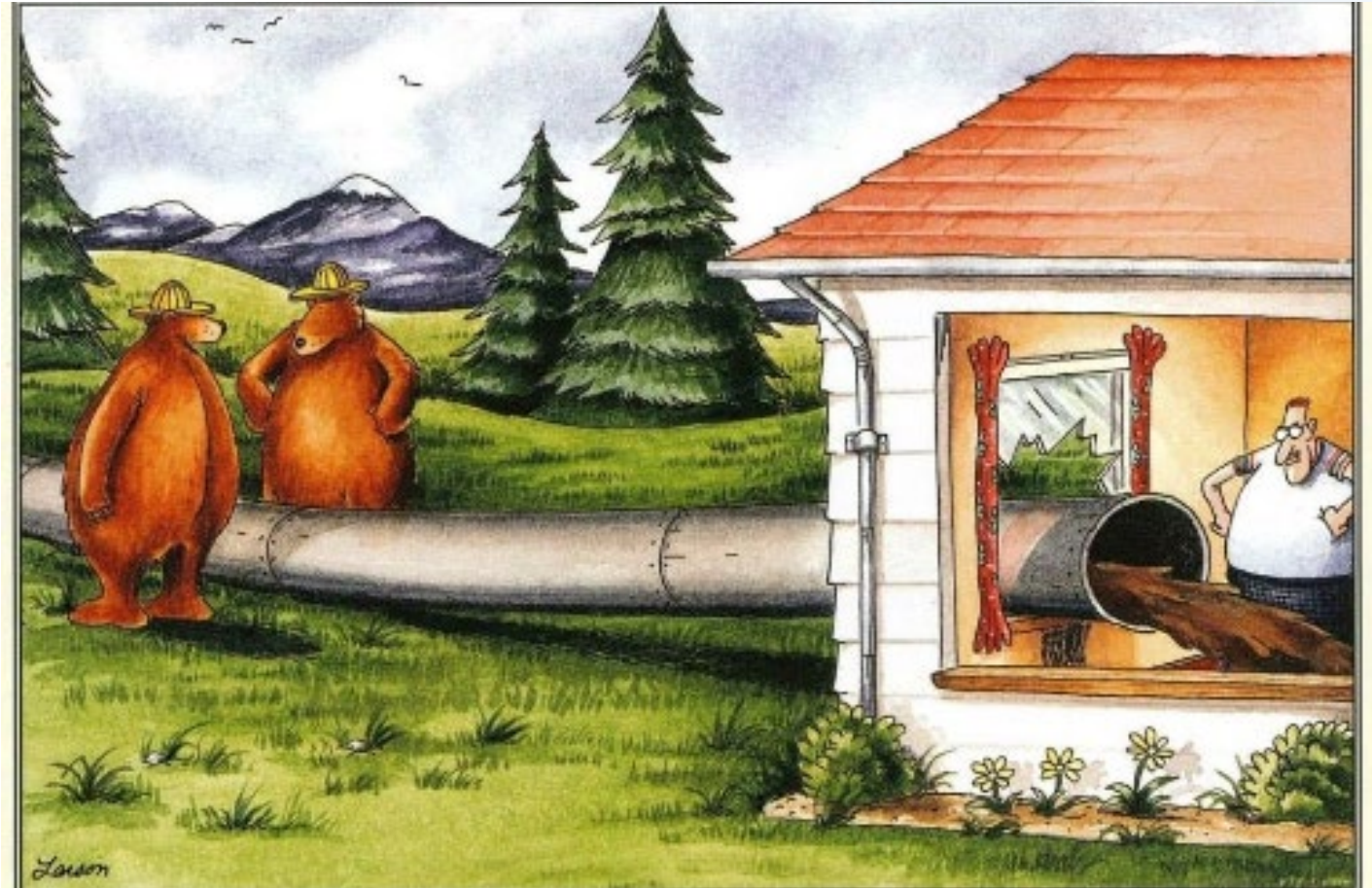


- Extensive investigative sampling to identify source
- Line jetting
- Evaluation of historical use of mercury
- Building inspections and interviews



Resolution

- Long-term employee came forward with information as to use and location of mercury at a specific building
- Facility SNC avoided
- SPR mercury concentrations decreased



Take-Aways

- Consider what you can't see
- Evaluate past processes no longer present
- Use all resources available, including potential historical information (i.e., long-time employees)
- Spread the word – take advantage of social media and technology





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OWNED BY LITTLETON/ENGLEWOOD



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- [Agenda item 1]
- [Agenda item 2]
- [Agenda item 3]
- [Agenda item 4]
- [Agenda item 5]



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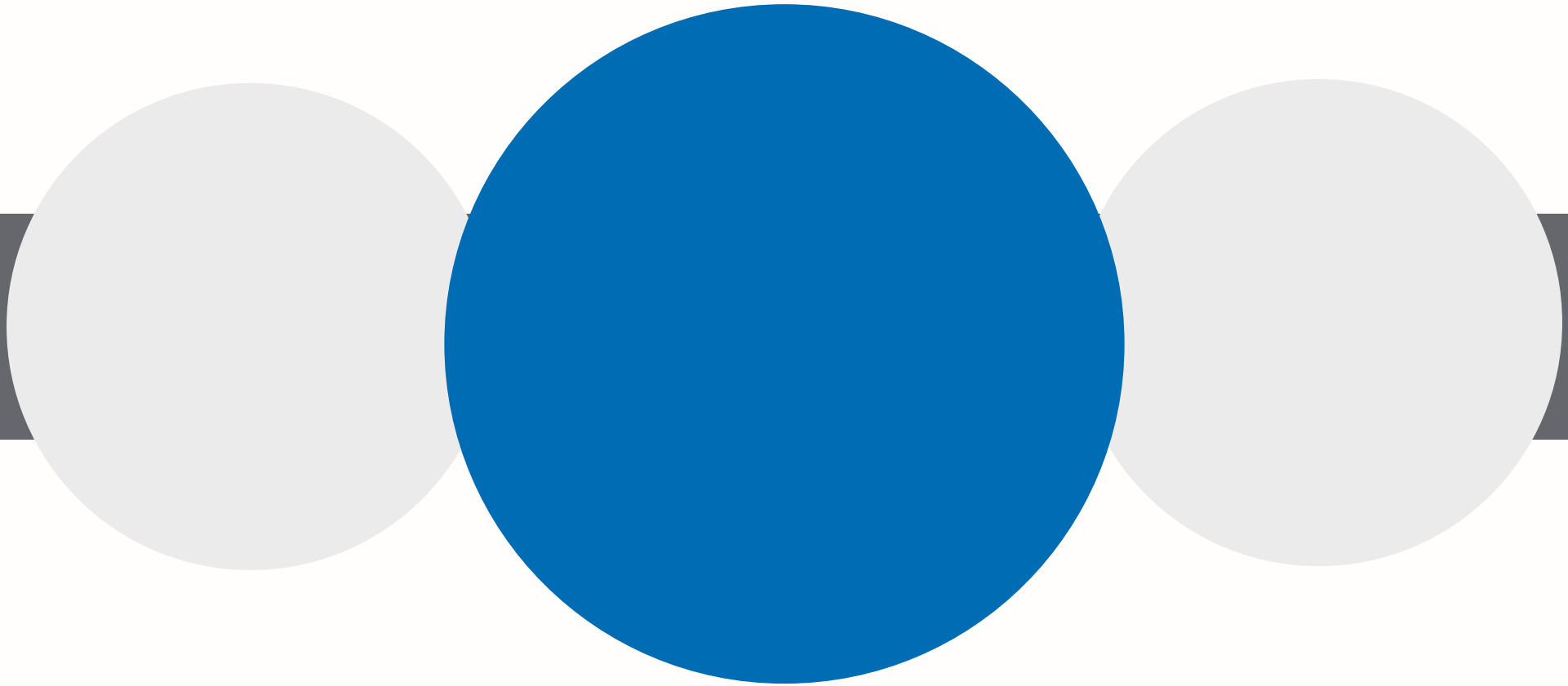


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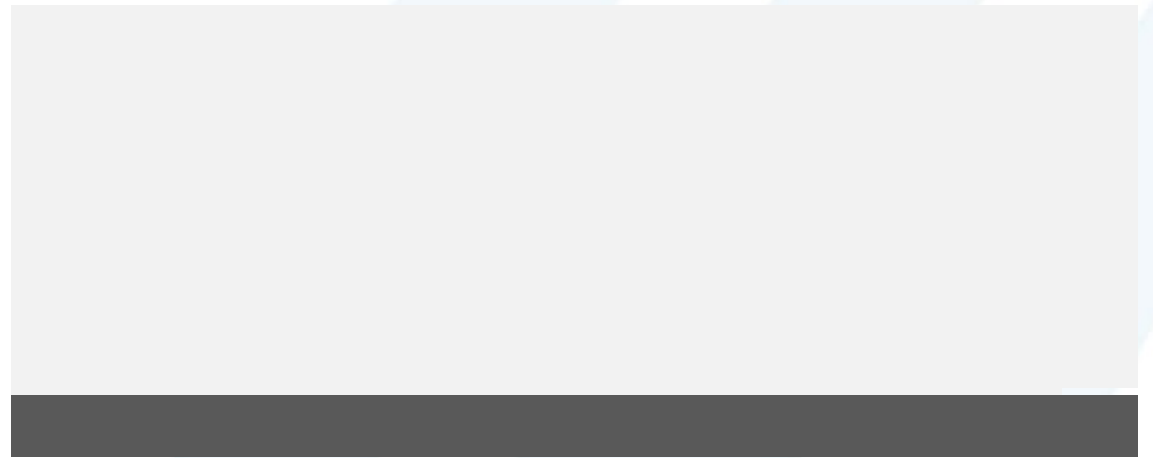
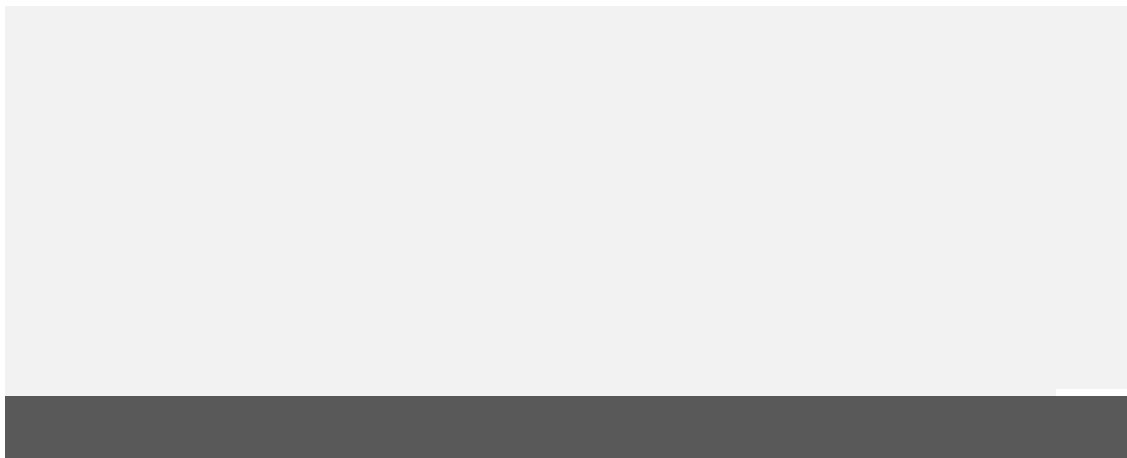
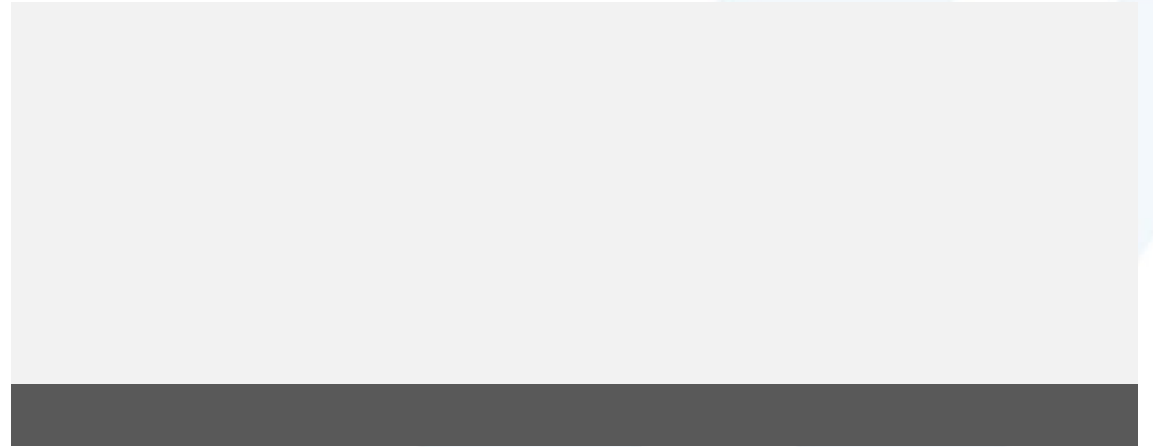
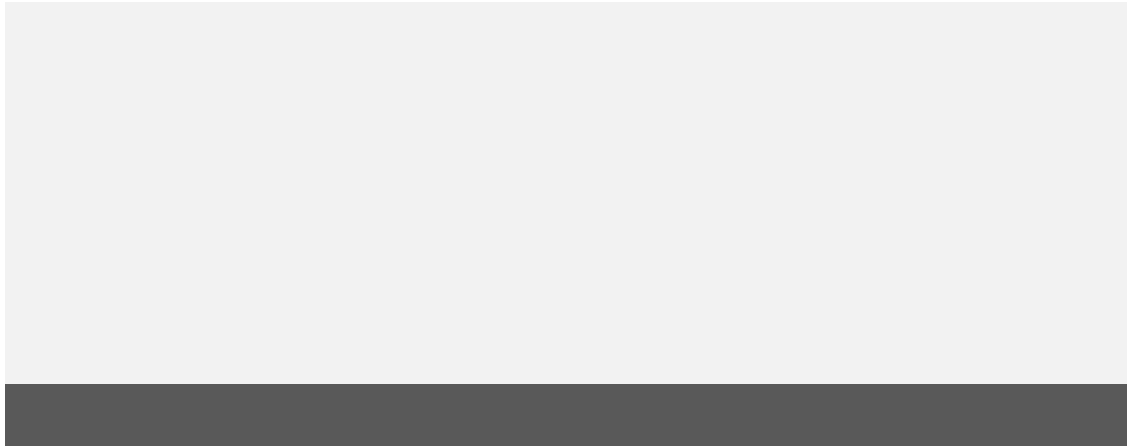


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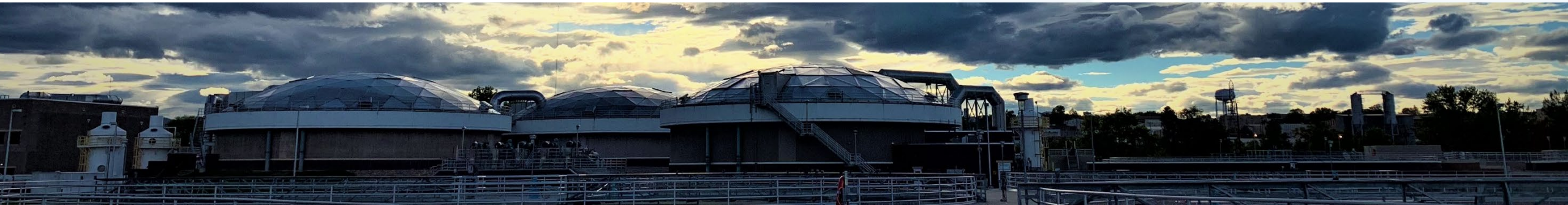


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ICONS

