

DEPARTMENTS

EDITORIAL

| | |
|----------------------------|----|
| ANS Membership Application | 71 |
| Backscatter | 84 |
| Calendar | 6 |
| Calls for Papers | 12 |
| Late News | 17 |
| Nuclear Notes | 4 |
| People | 81 |
| Recently Published | 14 |
| Short Courses & Seminars | 12 |

ADVERTISING

| | |
|----------------------|----|
| Direct Answer | 70 |
| Index to Advertisers | 69 |
| Employment Ads Begin | 74 |

Coming up ...

- December**—Special Section on Advanced Reactors
- January**—Special Section on Education, Training & Workforce Issues
- February**—Special Section on Instrumentation & Controls
- March**—17th Annual Reference Issue

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FEATURE ARTICLE

37

The campaign to resume domestic production of molybdenum-99

BY E. MICHAEL BLAKE

POWER

20

Petitioners seek another halt to final licensing actions by the NRC. DOE repurposes unused loan guarantee authority. Maximizing the Assets: A status report on license renewal and power uprates. TVA withdraws uprate application for Browns Ferry; will resubmit in 2015. Potential “hot shorts” in electrical systems discovered at Wolf Creek, Callaway. Summer-2 and -3 construction delays could increase costs by \$1.2 billion. Ginna, Susquehanna-2 move up in NRC’s reactor oversight action matrix. Safety review schedules revised for Sequoyah, Davis-Besse license renewals. Three departures from AP1000 standard design reported for Lee project.

SECURITY

28

U.S.-Vietnam nuclear trade agreement takes effect. Three national laboratory directors visit the Y-12 National Security Complex. Kazakhstan receives radiological materials transportation vehicles; other NNSA news. NRC is amending special nuclear material regulations.

WASTE MANAGEMENT

32

DOE plans to resume some waste disposal activities at WIPP in 2016. Merger of two NRC nuclear materials offices is completed. A dry cask storage campaign at PSEG Nuclear’s Hope Creek plant has been completed. U.S. legislators oppose Ontario waste site plan. Acid Recovery Unit reboiler replaced at Savannah River Site’s H Canyon.

ISOTOPES & RADIATION

36

NRC proposes fine against Missouri cardiology practice.

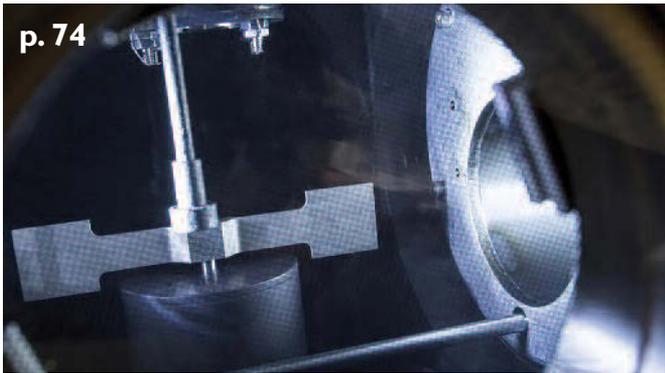
INTERNATIONAL

44

European Union approves state aid for United Kingdom’s Hinkley Point C nuclear power plant project. South Africa says yes to nuclear but has not decided on procurement plan. Finnish government declines to extend Olkiluoto-4 acceptance. Japan’s Nuclear Regulation Authority finalizes Sendai post-Fukushima safety approval. Japan’s Central Research Institute of Electric Power Industry launches Nuclear Risk Research Center. Kazakhstan and Russia draft power reactor project agreement. Sellafeld and Tepco formalize decommissioning cooperation agreement. United Kingdom to provide funding to train future nuclear workforce.



p. 28



p. 74

MEETINGS 52

Pacific Basin Nuclear Conference: Fulfilling the promise of nuclear energy throughout the world.

INDUSTRY 61

Bechtel announces major reorganization; other business developments. Sellafield EPC contract goes to joint venture of Jacobs, AMEC, and Balfour Beatty; other contracts. Okonite says Steris underdose not an issue; other 10 CFR Part 21 reports.

EDUCATION, TRAINING & WORKFORCE 64

Savannah River Nuclear Solutions pledges support for historically black university. DHS awards grant for radiation detector research. NRC issues CB&I revised confirmatory order.

RESEARCH 73

Fusion Energy Sciences Advisory Committee panel projects end to C-Mod work at MIT. ELM-mitigating system ready for DIII-D use.

FUEL 75

Cladding breaches discovered at two power reactors. Environmental assessment documents filed for three uranium mining projects. NRC holds meetings, receives unanalyzed condition report. DOE awards contract to Areva-led team to continue fuel design work; other contracts.

STANDARDS & DOCUMENTATION 78

Comments requested on ANSI/ANS standard. ANS answers inquiry on ANSI/ANS-2.3-2011. NRC issues regulatory guides, NUREGS, other documents.

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