

**SUBJECT: ADMINISTRATIVE CHANGE TO DOE O 241.1B, *SCIENTIFIC AND TECHNICAL INFORMATION MANAGEMENT***

1. EXPLANATION OF CHANGES. DOE O 241.1B ensures that DOE scientific and technical information (STI) emanating from DOE-funded work is appropriately managed and made accessible to advance science and technological innovation. STI management requires awareness of numerous laws, executive orders, and directives, especially as guidance evolves in the changing information environment. Updating the legal citations and modifying a word in attachment 2 to one more commonly used as well as a phrase in attachment 4 related to metadata will ensure the directive’s currency regarding STI management and public access to federally funded research results.
  
2. LOCATIONS OF CHANGES:

Page	Paragraph	Changed	To
3	4. Requirements g.	DOE-funded STI must include attribution to the sponsoring program. Wording indicating program sponsorship should include DOE, the DOE program office and that program office’s subprogram(s) funding the research. Examples include: DOE Office of Science (SC), Office of Basic Energy Sciences (BES); DOE Office of Energy Efficiency and Renewable Energy (EERE), Solar Energy Technologies Program; DOE Office of Environmental Management (EM), Office of Technology Innovation and Development; DOE Office of Nuclear Energy (NE), Fuel Cycle Research and Development Program; DOE Office of Fossil Energy (FE), Office of Clean Energy Systems; or National Nuclear Security Administration (NA).	DOE-funded STI must include attribution to the sponsoring program. Wording indicating program sponsorship should include DOE, the DOE program office and that program office’s subprogram(s) funding the research. Examples include: USDOE Office of Science (SC), Basic Energy Sciences (BES); USDOE Office of Energy Efficiency and Renewable Energy (EERE), Solar Energy Technologies Office; USDOE Office of Environmental Management (EM), Office of Acquisition and Project Management; USDOE Office of Nuclear Energy (NE), Fuel Cycle Technologies; USDOE Office of Fossil Energy (FE), Clean Coal and Carbon; or US DOE National Nuclear Security Administration (NA), Office of Defense Programs.

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7	7. REFERENCES e.	Title XXXII, National Nuclear Security Administration Act, as Amended, P.L. 106-65, establishes a separately organized agency within the Department of Energy in 2000.	Title XXXII, National Nuclear Security Administration Act, as Amended, P.L. 106-65, establishes a separately organized agency within the Department of Energy in 2000 (50 U.S.C. Chap. 41).
8	7. REFERENCES n.	DOE O 413.2B, <i>Laboratory Directed Research and Development</i> , dated 4-19-06, <a href="https://www.directives.doe.gov/directives/current-directives/413.2-BOrder-b/view">https://www.directives.doe.gov/directives/current-directives/413.2-BOrder-b/view</a> .	DOE O 413.2C, <i>Laboratory Directed Research and Development</i> , dated 10-22-15, <a href="https://www.directives.doe.gov/directives-documents/400-series/0413.2-BOrder-C">https://www.directives.doe.gov/directives-documents/400-series/0413.2-BOrder-C</a> .
8	7. REFERENCES p.	DOE M 457.1-1, <i>Control of Improvised Nuclear Device Information</i> , dated 8-10-06, <a href="https://www.directives.doe.gov/directives/current-directives/457.1-DManual-1/view">https://www.directives.doe.gov/directives/current-directives/457.1-DManual-1/view</a> .	DOE O 457.1A, <i>Nuclear Counterterrorism</i> , dated 8-26-13, <a href="https://www.directives.doe.gov/directives-documents/400-series/0457.1-BOrder-A">https://www.directives.doe.gov/directives-documents/400-series/0457.1-BOrder-A</a> . (Manual was cancelled, replaced with order)
8	7. REFERENCES q.	DOE M 470.4-4A, <i>Information Security Manual</i> , dated 1-16-09, <a href="https://www.directives.doe.gov/directives/current-directives/470.4-DManual-4a/view">https://www.directives.doe.gov/directives/current-directives/470.4-DManual-4a/view</a> .	DOE O 471.6 Admin Chg 2, <i>Information Security</i> , dated 6-29-11, <a href="https://www.directives.doe.gov/directives-documents/400-series/0471.6-BOrder-admchg2">https://www.directives.doe.gov/directives-documents/400-series/0471.6-BOrder-admchg2</a> . (Deleted manual and inserted order.)
8	7. REFERENCES s.	DOE O 471.3, <i>Identifying and Protecting Official Use Only Information</i> , dated 4-9-03, <a href="https://www.directives.doe.gov/directives/restrict/471.3-BOrder/view">https://www.directives.doe.gov/directives/restrict/471.3-BOrder/view</a> .	DOE O 471.3 Admin Chg 1, <i>Identifying and Protecting Official Use Only Information</i> , dated 4-9-03, <a href="https://www.directives.doe.gov/directives-documents/400-series/0471.3-BOrder-admchg1">https://www.directives.doe.gov/directives-documents/400-series/0471.3-BOrder-admchg1</a> .

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8	7. REFERENCES t.	DOE M 471.3-1, <i>Manual for Identifying and Protecting Official Use Only Information</i> , dated 4-9-03, <a href="https://www.directives.doe.gov/directives/current-directives/471.3-DManual-1/view">https://www.directives.doe.gov/directives/current-directives/471.3-DManual-1/view</a> .	DOE M 471.3-1 Admin Chg 1, <i>Manual for Identifying and Protecting Official Use Only Information</i> , dated 4-9-03, <a href="https://www.directives.doe.gov/directives-documents/400-series/0471.3-DManual-1-admchg1">https://www.directives.doe.gov/directives-documents/400-series/0471.3-DManual-1-admchg1</a> .
9	7. REFERENCES u.	DOE O 475.2, <i>Identifying Classified Information</i> , dated 8-28-07, <a href="https://www.directives.doe.gov/directives/restrict/475.2-BOrder/view">https://www.directives.doe.gov/directives/restrict/475.2-BOrder/view</a> .	DOE O 475.2B, <i>Identifying Classified Information</i> , dated 10-03-14, <a href="https://www.directives.doe.gov/directives-documents/400-series/0475.2-BOrder-b">https://www.directives.doe.gov/directives-documents/400-series/0475.2-BOrder-b</a> .
9	7. REFERENCES v.	DOE O 481.1C, <i>Work for Others (Non-Department of Energy Funded Work)</i> , dated 1-24-05, <a href="https://www.directives.doe.gov/directives/current-directives/481.1-BOrder-c/view">https://www.directives.doe.gov/directives/current-directives/481.1-BOrder-c/view</a>	DOE O 481.1C Admin Chg 2, <i>Strategic Partnership Projects [Formerly Known as Work for Others (Non-Department of Energy Funded Work)]</i> , dated 1-24-05, <a href="https://www.directives.doe.gov/directives-documents/400-series/0481.1-BOrder-c-admchg2">https://www.directives.doe.gov/directives-documents/400-series/0481.1-BOrder-c-admchg2</a> .
9	7. REFERENCES w.	DOE O 483.1, <i>DOE Cooperative Research and Development Agreements</i> , dated 1-12-01, <a href="https://www.directives.doe.gov/directives/current-directives/483.1-BOrder/view">https://www.directives.doe.gov/directives/current-directives/483.1-BOrder/view</a>	DOE O 483.1A, <i>DOE Cooperative Research and Development Agreements</i> , dated 11-06-13, <a href="https://www.directives.doe.gov/directives-documents/400-series/0483.1-BOrder-A">https://www.directives.doe.gov/directives-documents/400-series/0483.1-BOrder-A</a>
10	7. REFERENCES x.	DOE M 483.1-1, <i>DOE Cooperative Research and Development Agreements Manual</i> , dated 1-12-01, <a href="https://www.directives.doe.gov/directives/current-directives/483.1-DManual-1/view">https://www.directives.doe.gov/directives/current-directives/483.1-DManual-1/view</a> .	Deleted (manual has been cancelled) and renumbered references

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10	7. REFERENCES y. now x.	DOE O 484.1, <i>Reimbursable Work for the Department of Homeland Security</i> , dated 8-17-06, <a href="https://www.directives.doe.gov/directives/current-directives/484.1-BOrder/view">https://www.directives.doe.gov/directives/current-directives/484.1-BOrder/view</a> .	DOE O 484.1 Admin Chg 2, <i>Reimbursable Work for the Department of Homeland Security</i> , dated 8-17-06, <a href="https://www.directives.doe.gov/directives-documents/400-series/0484.1-BOrder-admchg2">https://www.directives.doe.gov/directives-documents/400-series/0484.1-BOrder-admchg2</a> .
10	7. REFERENCES z. now y.	DOE O 5610.2, Chg 1, <i>Control of Weapon Data</i> , dated 9-2-86, <a href="https://www.directives.doe.gov/directives/current-directives/5610.2-BOrder/view">https://www.directives.doe.gov/directives/current-directives/5610.2-BOrder/view</a> .	DOE O 452.8, <i>Control of Nuclear Weapon Data</i> , dated 7-21-11, <a href="https://www.directives.doe.gov/directives-documents/400-series/0452.8-BOrder">https://www.directives.doe.gov/directives-documents/400-series/0452.8-BOrder</a>
10	7. REFERENCES z.		DOE Acquisition Guide, Chapter 3.3, Compliance with U. S. Export Control Laws, Regulations, and Policies, <a href="http://www.energy.gov/sites/prod/files/3.3_Compliance_with_US_Export_Controls_Laws%2C_Regulations%2C_and_Policies.pdf">http://www.energy.gov/sites/prod/files/3.3_Compliance_with_US_Export_Controls_Laws%2C_Regulations%2C_and_Policies.pdf</a> (added)
10	7. REFERENCES ee.		Research and Development (R&D) Technical Report Files (Scientific and Technical Information), N1-434-06-1. <a href="http://www.archives.gov/records/mgmt/rcs/schedules/departments/department-of-energy/rg-0434/n1-434-06-001_sf115.pdf">http://www.archives.gov/records/mgmt/rcs/schedules/departments/department-of-energy/rg-0434/n1-434-06-001_sf115.pdf</a> . (added reference and renumbered items)
10	7. REFERENCES ee. now ff.	DOE Open Government Plan, dated June 2010, Version 1.2, <a href="http://www.energy.gov/open/documents/FINAL_DOE_OGPVer1-2b_07July2010.pdf">http://www.energy.gov/open/documents/FINAL_DOE_OGPVer1-2b_07July2010.pdf</a> .	DOE Open Government Plan, Versions 1.0, 2.0 and 3.0, dated July 2010 - June 2014, <a href="http://www.energy.gov/open-government">http://www.energy.gov/open-government</a> .

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10	7. REFERENCES gg. now hh.	Classified National Security Information, Executive Order 13526 (32 CFR Parts 2001 and 2003), <a href="http://www.whitehouse.gov/the-press-office/executive-order-classified-national-security-information">http://www.whitehouse.gov/the-press-office/executive-order-classified-national-security-information</a> .	Classified National Security Information, Executive Order 13526 (32 CFR Part 2001), <a href="http://www.whitehouse.gov/the-press-office/executive-order-classified-national-security-information">http://www.whitehouse.gov/the-press-office/executive-order-classified-national-security-information</a> .
10	7. REFERENCES ii.		Executive Office of the President, Office of Science and Technology Policy, memorandum for the Heads of Executive Departments and Agencies, Subject: Increasing Access to the Results of Federally Funded Scientific Research, February 22, 2013, <a href="https://www.whitehouse.gov/sites/default/files/microsites/ostp/ostp_public_access_memo_2013.pdf">https://www.whitehouse.gov/sites/default/files/microsites/ostp/ostp_public_access_memo_2013.pdf</a> . (added)
10	7. REFERENCES jj.		DOE Public Access Plan, dated July 24, 2014, <a href="http://energy.gov/sites/prod/files/2014/08/f18/DOE_Public_Access_Plan_FINAL.pdf">http://energy.gov/sites/prod/files/2014/08/f18/DOE_Public_Access_Plan_FINAL.pdf</a> . (added)
	7. REFERENCES kk.		Secretarial Memo from Ernest J. Moniz for Heads of Departmental Elements, National Laboratory Directors, DOE Technology Center Directors, Subject: Public Access to the Results of DOE-Funded Scientific Research, September 4, 2014, <a href="https://www.directives.doe.gov/other_requirements/public-access-to-the-results-of-doe-funded-scientific-research">https://www.directives.doe.gov/other_requirements/public-access-to-the-results-of-doe-funded-scientific-research</a> (added)

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10	8. CONTACT	Questions concerning this Order should be addressed to the Office of Scientific and Technical Information at 865-576-1194.	Questions concerning this Order should be addressed to the Office of Scientific and Technical Information at stip@osti.gov.
Att. 3, Page 1	STI PRODUCTS (table)	Journal articles: Author's manuscript	Journal articles: Accepted manuscript
Att. 4, Pg 1	Required Metadata Elements table	Additional metadata for classified STI: <ul style="list-style-type: none"> <li>• Accountable STI Product (Y/N)</li> </ul>	Additional metadata unique to classified STI