

The STI Program Through the Decades

1940's

Atomic Energy Commission Created
Technical Information Program Established
Nuclear Science Abstracts Began

1950's

Microcard/Microfiche Program
Full Text Dissemination of STI to GPO
Atoms-For-Peace Program

1960's

Computer Technology Used
International Nuclear Information System (INIS) Created

1970's

AEC abolished; Energy Research and
Development Administration Established
Energy Data Base (EDB) Began
ERDA Abolished; DOE Established
DOE O 1340.1 includes Technical Reports
Technical Information Meetings Initiated

1980's

International Energy Technology Data Exchange (ETDE)
Non-nuclear Energy Information Shared
Hierarchical Data Structure
DOE STI Orders Created

1990's

Digitization of Report Literature
Evolution of the Internet
Streamlined Directive
STIP Strategic Plan
DOE Collaboration w/GPO
Adopted Dublin Core

2000's

Web Information Tools
Distributed Searching
Technology Innovations
Increased STI Usage via Web
Electronic Transition
Complete

Chronology of STI Pre-Web

1947	Technical Information Division established (precursor of OSTI)	1985	CENDI chartered via MOU among Energy, Commerce, Defense, and NASA
1948	<i>Nuclear Science Abstracts (NSA)</i> announcement periodical introduced	1986	NTIS agreements with commercial vendors fully replace RECON
1952	Document miniaturization (microfiche) initiated for STI dissemination to libraries	1987	Energy Technology Data Exchange (ETDE) created under International Energy Agency
1954	Atoms for Peace program established to share nuclear information for peaceful uses	1991	Software center relocated from ANL and established at OSTI as ESTSC
1967	Computer processing of information begins	1994	DOE Home Page unveiled in conjunction with White House Page. Hosted by OSTI
1969	International Nuclear Information System (INIS) created under International Atomic Energy Agency	1994	Four DOE STI Orders are consolidated into one streamlined order, with a nonmandatory guide
1969	Electronic access to announcement citations via RECON	1995	Secretarial Initiative - OpenNet database established and site made public. Hosted by OSTI
1974	Energy Science and Technology Database (EDB) initiated	1995	Reports Bibliographic Database developed in partnership with GPO

Internet Era of DOE STI

<i>May 1997</i>	EnergyFiles Unveiled at InForum '97	<i>May 2000</i>	Physical Sciences Workshop Convened
<i>June 1997</i>	R&D Project Summaries Online	<i>August 2000</i>	Federal R&D Project Summaries Available
<i>September 1997</i>	STIP Strategic Plan Issued	<i>August 2000</i>	GrayLIT Network Available
<i>September 1997</i>	Information Bridge Available to DOE	<i>November 2000</i>	PrePRINT Alerts Available
<i>April 1998</i>	Information Bridge Available to Public	<i>April 2001</i>	Science Information Workshop Conducted
<i>October 1998</i>	Electronic Report Submission Capability via E-Link	<i>May 2001</i>	Subject Portals Available
<i>March 1999</i>	R&D Accomplishments Available	<i>September 2001</i>	Energy Citations Database Available
<i>April 1999</i>	EnergyFiles EnergyPortal Search Available	<i>November 2001</i>	Electronic Reporting Goal Completed
<i>October 1999</i>	PubSCIENCE Available	<i>January 2002</i>	Data Harvesting Initiated
<i>January 2000</i>	PrePRINT Network Available	<i>December 2002</i>	science.gov Officially Launched

STIP Moves into the Electronic Era

- FY91 – DOE adopts electronic document format; SGML was only recognized format at that time
- FY 93-94 - STI Order revision addresses the initial concept of a distributed electronic environment
- FY95 – Processing full-text STI documents and related metadata (1332.15 form) electronically begins
- FY97/FY98 – DOE partners and stakeholders plan next iteration of STI electronic exchange; Order revision for 1998 addresses formats, procedures, etc.
- FY99 – E-Link system and 241.1 form implemented; links to full-text documents posted at sites; Procurement SIG develops 241.3
- FY01 – SC issues memo noting requirement for electronic only submissions to OSTI effective Jan. 2001; DOE F 241.3 implemented for financial assistance and grant deliverables
- FY02 – OSTI implements technology to directly access STI at labs via “harvesting”