CHEMICAL HERITAGE FOUNDATION

THE TOXIC SUBSTANCES CONTROL ACT: FROM THE PERSPECTIVE OF STEVEN D. JELLINEK

Transcript of Interviews
Conducted by

Jody A. Roberts and Kavita D. Hardy

at

The Chemical Heritage Foundation Philadelphia, Pennsylvania

on

29 January 2010

(With Subsequent Corrections and Additions)

CHEMICAL HERITAGE FOUNDATION Oral History Program FINAL RELEASE FORM

This document contains my understanding and agreement with the Chemical Heritage Foundation with respect to my participation in the audio- and/or video-recorded interview conducted by Jody Roberts and Kavita Hardy on 29 January 2010. I have read the transcript supplied by the Chemical Heritage Foundation.

- 1. The recordings, transcripts, photographs, research materials, and memorabilia (collectively called the "Work") will be maintained by the Chemical Heritage Foundation and made available in accordance with general policies for research and other scholarly purposes.
- 2. I hereby grant, assign, and transfer to the Chemical Heritage Foundation all right, title, and interest in the Work, including the literary rights and the copyright, except that I shall retain the right to copy, use, and publish the Work in part or in full until my death.
- 3. The manuscript may be read and the recording(s) heard/viewed by scholars approved by the Chemical Heritage Foundation subject to the restrictions listed below. The scholar pledges not to quote from, cite, or reproduce by any means this material except with the written permission of the Chemical Heritage Foundation. Regardless of the restrictions placed on the transcript of the interview, the Chemical Heritage Foundation retains the rights to all materials generated about my oral history interview, including the title page, abstract, table of contents, chronology, index, et cetera (collectively called the "Front Matter and Index"), all of which will be made available on the Chemical Heritage Foundation's website. Should the Chemical Heritage Foundation wish to post to the internet the content of the oral history interview, that is, direct quotations, audio clips, video clips, or other material from the oral history recordings or the transcription of the recordings, the Chemical heritage Foundation will be bound by the restrictions for use placed on the Work as detailed below.
- 4. I wish to place the conditions that I have checked below upon the use of this interview. I understand that the Chemical Heritage Foundation will enforce my wishes until the time of my death, when any restrictions will be removed.

Please check one:			
a	No restrictions for access. NOTE: Users citing this interview for purposes of publication are obliged under the terms of the Chemical Heritage Foundation Oral History Program to obtain permission from Chemical Heritage Foundation, Philadelphia, Pennsylvania.		
b	Semi-restricted access. (May view the Work. My permission required to quote, cite, or reproduce.)		
c	Restricted access. (My permission required to view the Work, quote, cite, or reproduce.)		
This constitutes my entire and complete understanding.			
	(Signature)		
	Steven D. Jellinek		
	(Date) 4710		
	Revised 07/21/200		

This oral history is designated **Free Access**.

Please note: Users citing this interview for purposes of publication are obliged under the terms of the Chemical Heritage Foundation (CHF) Oral History Program to credit CHF using the format below:

The Toxic Substances Control Act: from the perspective of Steven D. Jellinek, interview by Jody A. Roberts and Kavita D. Hardy at The Chemical Heritage Foundation, Philadelphia, Pennsylvania, 29 January 2010 (Philadelphia: Chemical Heritage Foundation, Oral History Transcript # 0653).



Chemical Heritage Foundation Oral History Program 315 Chestnut Street Philadelphia, Pennsylvania 19106



The Chemical Heritage Foundation (CHF) serves the community of the chemical and molecular sciences, and the wider public, by treasuring the past, educating the present, and inspiring the future. CHF maintains a world-class collection of materials that document the history and heritage of the chemical and molecular sciences, technologies, and industries; encourages research in CHF collections; and carries out a program of outreach and interpretation in order to advance an understanding of the role of the chemical and molecular sciences, technologies, and industries in shaping society.

STEVEN D. JELLINEK

1940	Born in Brooklyn, New York on 22 May			
<u>Education</u>				
1960 1961	B.A., Political Science, University of Rochester M.P.A., Syracuse University			
Professional Experience				
1961-1967 1968-1971	Internal Revenue Service, Washington, D.C. Various staff positions Special Assistant to the Assistant Commissioner for Compliance			
1971-1972 1972-1973 1973-1977	Council on Environmental Quality, Executive Office of the President, Washington, D.C. Staff Member Senior Staff Member Staff Director			
1977-1981	U.S. Environmental Protection Agency, Washington, D.C. Assistant Administrator for Pesticides and Toxic Substances			
1981-2000	Jellinek, Schwartz & Connolly, Inc., Washington, D.C. President			
1994-2004	Dow AgroSciences, Zionsville, Indiana Member, Global Environmental Advisory Committee			
1996-2000	OMI Corporation, Stamford, Connecticut Member, Board of Directors			
2001-present	The Scotts Miracle-Gro Company, Marysville, Ohio Member, Innovation and Technology Advisory Board			
<u>Honors</u>				
1969-1970	National Institute of Public Affairs Fellowship, Stanford University, Palo Alto, California			

ABSTRACT

Steven D. Jellinek received a bachelor's degree in political science from the University of Rochester and a master's degree in public affairs from Syracuse University before accepting a position at the Internal Revenue Service. He was at the Internal Revenue Service for several years before being invited to work with the newly established Council on Environmental Quality. Once the Toxic Substances Control Act (TSCA) was passed, he became the first Assistant Administrator for Toxic Substances at the U.S. Environmental Protection Agency, and soon the Assistant Administrator for Pesticides and Toxic Substances. The position was expected to be challenging: TSCA was written with many procedural hurdles and the environmental Congressional committees were not eager to oversee its implementation. The law quickly became an "orphan" in Congress.

Jellinek encountered many challenges in implementing the new law: there was no inventory rule and no classificatory system for chemicals; there were interagency politics that had to be negotiated; there was little statutorial guidance for prioritizing exiting chemicals, or even defining a chemical of concern; and there were no technologies of risk assessment or toxicity testing. The Office of General Counsel advised caution in exercising the new law, and industry was quick to challenge EPA rules. Jellinek inherited what was considered an inefficient organizational structure in the Office of Toxic Substances. The premanufacturing review process was one of the few immediate successes; industry seemed to really internalize the goal of safer new chemicals. Maintaining confidential business information proved to be a burden to a more effective chemicals program.

Jellinek believes that it is the responsibility of policymakers to be precautionary. He repeatedly questioned his decision as assistant administrator not to pressure Congress for a more workable law. From his perspective, a reformed TSCA should strive to reduce the hurdles on EPA action, and he also thinks it might be worth considering a premarket rather than a premanufacture review.

INTERVIEWERS

Jody A. Roberts is the Associate Director for the Center for Contemporary History and Policy and the Manager of the Environmental History and Policy Program at the Chemical Heritage Foundation. Roberts received his Ph.D. and M.S. in Science and Technology Studies from Virginia Tech and holds a B.S. in Chemistry from Saint Vincent College. His research focuses on the intersections of regulation, innovation, environmental issues, and emerging technologies within the chemical sciences.

Kavita D. Hardy is a research assistant in the Environmental History and Policy Program at the Chemical Heritage Foundation. She received a B.A. in Chemistry and Economics from Swarthmore College.

TABLE OF CONTENTS

Education and Early Career	1
Public administration. Internal Revenue Service. President's Council on	
Environmental Quality. U.S. Environmental Protection Agency.	
Perceptions of the new Toxic Substances Control Act	4
Political difficulties. Procedural hurdles. Reorganizing the Office of	
Toxic Substances. Absence of congressional advocates.	
Implementing the Toxic Substances Control Act	6
Inventory rule. Naming chemicals. Interagency Testing Committee	
recommendations. Prioritization. Defining unreasonable risk. General	
Counsel. Premanufacturing notices. Office organization. Confidential	
business information. Lack of mandate. Risk assessment and toxicity	
testing.	
The Inevitability of Being Wrong	17
Precaution versus the "precautionary principle." Asbestos.	
Toxic Substances Control Act Reform	22
Reduce procedural hurdles. Premarket versus premanufacture review.	
Prolonged Congressional oversight.	
Index	26

INDEX

\mathbf{A}	D
Alm, Alvin L., 1, 2, 3	Davies, J. Clarence "Terry", 3, 4, 5, 7, 11,
American Chemistry Council, 13	24, 25
asbestos, 8, 14, 16, 19, 21	DeKany, John P., 10
Atomic Energy Commission, 2	Denison, Richard A., 20, 22
n.	Denney, Richard J., 8
В	${f E}$
Billings, Leon G., 5	
Bracken, Marilyn C., 10	Eckhardt, Robert C., 5, 6
Bureau of the Budget. See Office of	EDF. See Environmental Defense Fund
Management and Budget (OMB)	Elliott, E. Donald, 21
C	Environmental Defense Fund (EDF), 9, 22
C	Environmental Working Group, 9
Carter, President James E., 3	EPA. See U.S. Environmental Protection
CAS. See Chemical Abstract Services	Agency (EPA)
(CAS)	EU. See European Union (EU)
CBI. See Toxic Substances Control Act:	European Union, 18
confidential business information	${f F}$
CEQ. See President's Council on	
Environmental Quality	FDA. See U.S. Food and Drug
CERCLA. See Comprehensive	Administration (FDA)
Environmental Response, Compensation,	Federal Food, Drug, and Cosmetic Act, 11
and Liability Act (CERCLA)	Federal Insecticide, Fungicide, and
Chafee, John H., 20 Chemical Abstract Services (CAS), 7, 9	Rodenticide Act (FIFRA), 4, 11 FIFRA. <i>See</i> Federal Insecticide, Fungicide,
Chemical Manufacturers Association. See	and Rodenticide Act
American Chemistry Council (ACC)	Ford, Jr., President Gerald R., 3, 4
Clean Air Act, 5, 6, 10	1 ord, 31., 1 resident Geraid IX., 3, 4
Clean Water Act, 5, 6, 10	G
Clinton, President William J., 14	Greenwood, Mark A., 22
Comprehensive Environmental Response,	Greenwood, Mark A., 22
Compensation, and Liability Act	Н
(CERCLA), 5, 10	Heckert, Richard E., 5
Congress, 5, 6, 11, 12, 21	Hutt, Peter Barton, 14
House Committee on Interstate and	
Foreign Commerce, 5	I
Senate Committee on Commerce, 5 Senate Committee on Environment and	Interagency Testing Committee, 7
Public Works, 5, 6, 20	Internal Revenue Service (IRS), 1, 2, 3
Costle, Douglas M., 3, 4, 13, 22	IRS. See Internal Revenue Service
500ac, 50agiao iii., 5, 1, 15, 22	

J

Jackson, Lisa P., 14, 15

K

Kennedy, Donald M., 3 Kennedy, President John F., 1 Kent State University, 2 Kid Safe Chemicals Act, 6

\mathbf{L}

Lautenberg, Frank R., 6

\mathbf{M}

Manufacturing Chemists' Association. *See*American Chemistry Council
Maxwell School of Citizenship and Public
Affairs. *See* Syracuse University
Muir, Warren R., 4, 5, 10, 11, 17, 25
Muskie, Edmund S., 5

N

National Environmental Policy Act (NEPA), 2
National Institute of Environmental Health Sciences (NIEHS), 7
National Institute of Public Affairs, 1
Natural Resources Defense Council (NRDC), 9
NEPA. See National Environmental Policy Act
NIEHS. See National Institute of Environmental Health Sciences
Nixon, President Richard M., 3
NRDC. See National Resources Defense Council

0

Occupational Safety and Health Administration (OSHA), 11 Office of Management and Budget, 2, 21 OSHA. *See* Occupational Safety and Health Administration

P

PCBs. *See* polychlorinated biphenyls PMN. *See* Toxic Substances Control Act: premanufacture notice polychlorinated biphenyls (PCBs), 4, 10, 16, 17 precautionary principle, 13, 18, 19 President's Council on Environmental Quality (CEQ), 1, 2, 3, 24

R

Rall, David P., 8 RCRA. See Resource Conservation and Recovery Act Resource Conservation and Recovery Act (RCRA), 5, 10

S

Safe Drinking Water Act, 5
SAR. See Toxic Substances Control Act:
structure activity relationships
SEC. See U.S. Securities and Exchange
Commission
Stanford University, 1, 2
Strelow, Roger, 3
Superfund. See Comprehensive
Environmental Response, Compensation,
and Liability Act (CERCLA)
Sussman, Robert M., 14
Syracuse University, 1, 2

Т

Toxic Substances Control Act (TSCA), 1, 2, 3, 4, 5, 6, 8, 9, 11, 12, 14, 15, 17, 20, 22, 24, 25
burden of proof, 6
CBI [confidential business information], 11, 12, 13, 14, 15
existing chemicals, 9, 16
new chemicals, 9, 15
PMN [premanufacture notice], 7, 8, 9, 12, 15, 17, 23
risk assessment, 15, 19
Section 6, 17

Section 8, 7, 17 structure-activity relationships, 12, 15 testing rule, 16, 17 unreasonable risk, 8, 20 Train, Russell E., 3 TSCA. *See* Toxic Substances Control Act TSCA Inventory. *See* Toxic Substances Control Act:, Section 8

U

U.S. Environmental Protection Agency (EPA), 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 19, 21, 22, 23
Carcinogen Assessment Group, 15, 17
Office of Air and Radiation, 10
Office of Pesticide Programs, 11

Office of Solid Waste and Emergency Response, 10, 23 Office of Toxic Substances, 5, 7, 10, 11, 17, 22, 23 Office of Water, 10 U.S. Food and Drug Administration (FDA), 3 U.S. Securities and Exchange Commission (SEC), 15 University of Rochester, 1

\mathbf{W}

Washington, D.C., 1, 13 Waxman, Henry A., 6 Williams, Marcia E., 23