

man (Past Chairman). Tektronix, Inc., MS 58-631, P.O. Box 500, Beaverton, OR 97077.

Philadelphia, December 8 — About 40 members and guests attended the meeting held at the Marriott Hotel in Philadelphia. Fred Nobbs of Eastman Kodak presented a paper describing Eastman Kodak's new high speed color reversal 16-mm film which is compatible with either Process VNF-1 or RVNP. The film is designated Eastman Ektachrome High Speed Daylight Film 7251. Nobbs used slides to illustrate the paper and he also provided a film demonstration.

The presentation was followed by a screening of the 1981 Clio Awards film, the first time it had been shown in Philadelphia. The meeting also included the presenting of speaker and meeting host plaques. — Michael Muderick (Secretary-Treasurer), Penn Mutual Life Insurance Co., 101 Farlington Rd., Haverstown, PA 19083.

Rocky Mountain, December 8 — The meeting was held at the Soundmark Recording studio with an attendance of 50 members and guests. Rich Sanders of Soundmark gave an excellent presentation of the do's and don't's of sound recording. Utilizing a live combo group, he demonstrated microphone phasing, placement, cabling and selection. Recordings were made and played back to illustrate various techniques of microphone placement. Since this was our Christmas meeting a social hour and refreshments followed. — Arthur B. Rancis (Secretary-Treasurer), 3143 W. 12 Ave Ct., Bloomfield, CO 80112.

San Francisco, November 19 — The meeting was held at CMX-ORROX in Santa Clara with 65 members and guests present. The meeting was a departure from the usual papers presentations. Bob Duffy, Product Manager for CMX's FLM-1 video aided film editing system, made a few introductory remarks and then ushered small groups into the CMX demo room for a close-up, hands-on look at the system. Waiting members and guests had an opportunity to partake of a large buffet provided by CMX. The informal demonstrations provided an excellent opportunity for those in attendance to become familiar with this new approach to film editing and to exchange ideas with its product manager. — Glen Pensinger (Secretary-Treasurer), San Jose University, 958 Jeanne Ave., San Jose, CA 94303.

Toronto, December 8 — The meeting was held at CFTO-TV Studio 5 in Scarborough with an attendance of more than 100 members and guests. The speakers were Paul Edgeley and Ray Carnovale, both of CFTO-TV. The meeting opened with a videotape on *CFTO Program Activities*. Howard Wilkinson, Section Chairman, then gave a welcoming speech and intro-

duced Mrs. Edie Ballantyne, mentioning her continuous efforts toward the distribution of our Meeting Notice.

Paul Edgeley's presentation was entitled "The CFTO Color Weather Radar." He gave a brief review of the history of the equipment including setup procedures, functions and typical uses. He described how CFTO got approval from the FCC and the DOC. The initial transmission of this program took place about a year ago. Following the presentation there was a question-and-answer period with questions on radar coverage, viewer response, cost of installation and the problem of ground flutter, among others, which were answered.

Ray Carnovale's paper entitled "The

Super Mobile TV Production Unit," included a description of the new mobile unit. He said that the construction of the Super Mobile provides maximum flexibility, comfort for the personnel and that it meets the budget. He mentioned that the cost was \$2.5 million. He said that the Super Mobile's equipment includes six 1-in "C" format VTRs, Telemation, Quantel switcher, Ikegami color cameras and Warbeck audio equipment, among other items.

A tour of CFTO followed the presentations. The meeting was preceded by a dinner in Watts Restaurant. — Fung Fai Lam (Secretary-Treasurer), Sony of Canada, Ltd., 1325 Melton Dr., Mississauga, Ont., Canada L4Y 1L6.

NEWS

Bengt O. Orhall Named SMPTE's First International Governor



Bengt O. Orhall, President, AB Film-Teknik, Solna, Sweden, is the first international governor of the SMPTE, it was announced by SMPTE President Charles A. Anderson, Ampex Corp.

Orhall's presence on the SMPTE Board of Governors is the first time that SMPTE's international members are rep-

resented by their own governor on the Board. It demonstrates SMPTE's interest in recognizing its international membership and broadening its international representation. Anderson said that Orhall has been asked to work with SMPTE's Chairman of the International Relations Committee William Connolly, CBS, to establish a permanent method of nominating and electing international governors. Anderson pointed out that the international governorship is one of the most significant developments in recent SMPTE history.

Orhall attended his first SMPTE Board of Governors meeting, held Thursday, February 4th, at the Opryland Hotel, Nashville. Orhall found the meeting most interesting, and looks forward to future SMPTE Board of Governors meetings.

Orhall has spent fifteen years with the Swedish Broadcasting Corporation. He has a Master of Science in Electronics from the Royal Institute of Technology in Stockholm (1965). He is a Fellow of the SMPTE, a member of the BKSTS, and Chairman of the SSFT (Swedish Society of Film and Television Engineers). He received the SMPTE Special Commendation Award in 1977. He has presented several papers at SMPTE, at meetings of the ACVL, SMPTE, BKSTS, and seminars in Sweden.

15th International Congress on High Speed Photography and Photonics

The 15th International Congress on High Speed Photography and Photonics will be held August 21-27, 1982. In announcing the programs, Lincoln Endelman, Congress Program Chairman said, "The Congress will address traditional and innovative applications of high speed photography and photonics through a program of technical sessions, workshops, tutorials

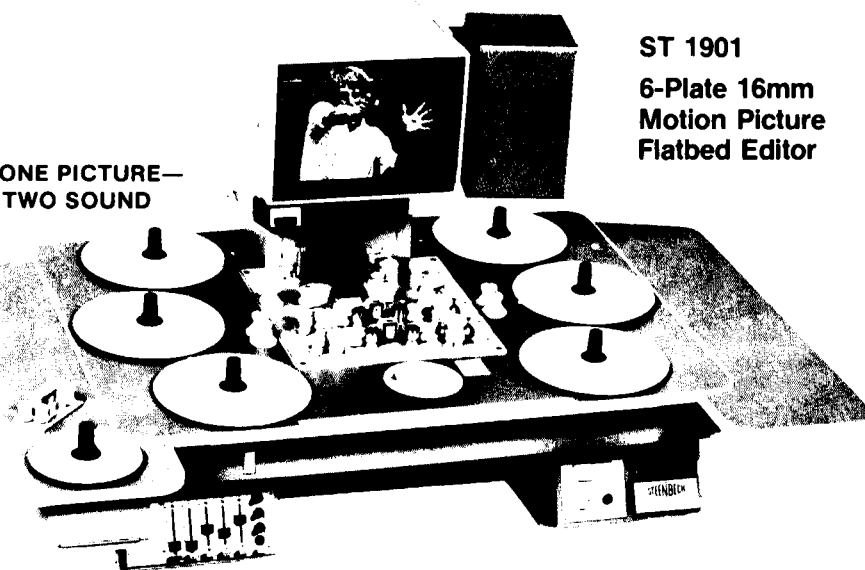
and an international technical exhibit."

The sessions and their respective chairmen will include: *Millisecond to Microsecond Applications*, Robert D. Shoberg, Photonic Systems, Inc.; *Microsecond to Nanosecond Applications*, John M. Dewey, University of Victoria (Canada); *Pico to Femtosecond and Beyond Applications*, Martin Richardson, University of



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Rochester; *Light Sources and Lighting*, Thomas M. Lemons, TLA-Lighting Consultants, Inc.; *Data Analysis and Techniques*, David M. Stern, L-W International; *Image Enhancement Techniques*, Ernest L. Hall, University of Tennessee and Computer Recognition Corp.; *Characteristics of Conventional and Unconventional Photosensitive Materials*, Sheldon Phillips, Eastman Kodak Co.; *Video Techniques and Applications*, Robert Jaynes, Video Logic Corp.; *UV, IR, X-Ray Applications*, Francis Charbonner, Hewlett-Packard; *Holographic Techniques and Applications*, Emmett Leith, University of Michigan; *Medical, Educational, Legal and Sports Applications*, Allan H. Gott, The Aerospace Corporation.

Invited Papers

Invited papers and their authors include: "History of Changes in High Speed Photography in the Last 30 Years," J. S. Courtney-Pratt, Bell Laboratories; "Present and Future Developments in High Speed Photography," Hallock F. Swift, Physics Applications, Inc.; "Synchronous Streak Camera Systems," William Sibbitt, Imperial College of Science and Technology, London, England; "High Speed Photomicrography," William G. Hyzer, Engineering Consultant; "Videography Developments," Charles E. Miller, Massachusetts Institute of Technology; "Real-Time Data Analysis Techniques," George G. Silberberg, Naval Weapons Center; "Lighting Systems," Harold E. Edgerton, MIT.

In addition to the technical sessions, workshops will be conducted during each afternoon the Congress is in session.

The Congress has been held at two- or three-year intervals since 1952 when the first Congress, organized by the SMPTE, was held in Washington, D.C. Congresses have been held since in Paris, London (twice), Cologne, again in Washington, The Hague, Zurich, Stockholm, Denver, Nice, Toronto, Tokyo and, most recently, in Moscow in October 1980.

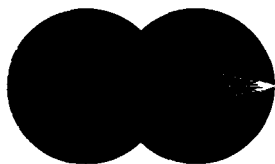
A. W. Johnson, President of the Canadian Broadcasting Corporation, has recommended to the Canadian Radio-television and Telecommunications Commission that it should find ways to ensure that at least 40 percent of television programs available in the peak evening viewing period are Canadian produced. Johnson said that presently only 23 percent of programs available to Canadians between 7:00 p.m. and 11:00 p.m. were made in Canada, and he suggested that the CBC and private networks should be required to add one-half hour per night of high-quality Canadian programming in the four-hour period,

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phased in over five years. Fundamental to the proposal is a change in redefining prime time from the existing 6:00 p.m. to midnight, to 7:00 p.m. to 11:00 p.m. This change is needed in order to concentrate Canadian programming during the hours when most people watch television. The CBC President also said that if the imbalance now favoring foreign content on the Canadian television system is to be redressed, new sources of funding for Canadian programming will have to be developed.

The British Virgin Islands has established a Film Promotion Office to aid cinema and television production companies interested in these islands as a location area. As these tropic islands have become better known in recent years, their popularity for scenes depicting water sports has been increasing, especially for production companies doing television commercials and filmed documentaries. There are approximately 50 small islands and cays, with only about a dozen of them inhabited at all. The British Virgin Islands is known for having the world's best sailing waters and pretty, remote beaches. The new film committee can make available grip equipment, locale and talent scouting, carpenters, electricians and other skilled and nonskilled workers, trucks and cars; permits, accommodations, meals, and other requirements. Communications should be directed to Ms. Lorna Smith, Film Committee, Office of the Chief Minister, Road Town, Tortola, British Virgin Islands.

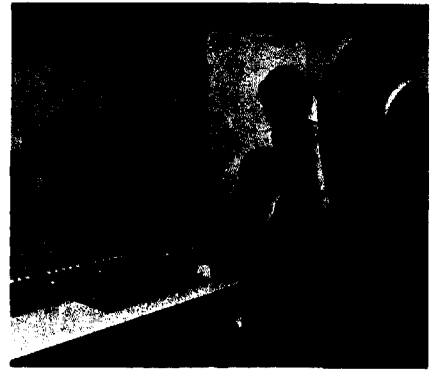
More than three-fourths of the country's commercial television stations prefer videotape over film for commercials, according to an independent survey conducted by 3M's magnetic Audio/Video Products Division. The survey was conducted by Stephen K. Plasman and Associates, Inc. Chief engineers at 200 commercial TV stations were asked questions about the quality of national spot commercials received on film and tape and about procedures and equipment used to prepare and broadcast spot commercials. According to the 1981 survey, videotape is preferred by 84 percent of the respondents while only two percent preferred film and 13 percent had no preference. The same questions were asked of engineers in a survey conducted by the same firm in 1977. According to the 1977 survey, 50 percent of the chief engineers preferred videotape, 10 percent preferred film and 40 percent had no preference. Various reasons were given in both surveys for the preference for videotape rather than film. Some engineers felt that tape was easier to handle and was more durable than film.

The Independent Broadcasting Authority and Oracle Teletext Ltd. are sponsoring a

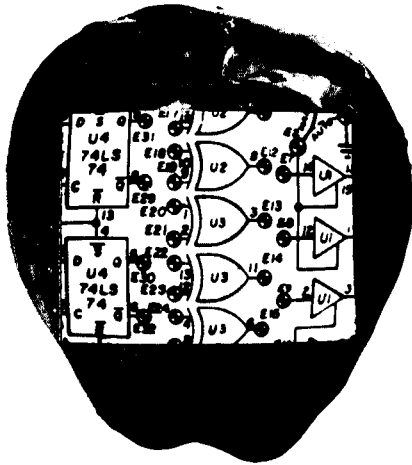
two-year research study, at Southampton University's Department of Electronics, into the presentation and engineering of the optional subtitling of television programs by teletext. Research Fellows Robert Baker, a psycholinguist, and Andrew Lambourne, an electronics engineer, will seek to reduce the time it takes to prepare subtitles and to develop more effective methods of subtitling live programs, including news and sports. The new contracts follow the completion of a three-year study funded by IBA and ITCA into how Oracle teletext can most effectively be used to

provide optional subtitles for the deaf and hard-of-hearing. One result of this earlier work was the publication on May 1981 of the first set of editorial guidelines for the subtitling of television programs. Copies of this booklet, *Guidelines for the Subtitling of Television Programs* by Robert G. Baker, may be obtained free of charge from IBA Engineering Information Service, Crawley Court, Winchester, Hampshire, S021 2QA, UK.

The British Broadcasting Corporation recently opened its first multiple machine



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TALKING HEADS WITH ORDINARY TV

- 1 Wide band communications circuits for conventional television are expensive, in many cases prohibitively so, even for relatively short distances.
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C-format 1-in helical scan videotape editing suite at the Television Centre in London. BBC is gradually changing to C-format video recording and has developed its own edit control system which offers a control panel per machine with dedicated switches for each function. The system is easy to use, allows for dual manning thereby shortening editing time and also provides hands on training for assistants.

The suite consists of a new edit control system and can have up to four Ampex VPR2B 1-in helical scan videotape machines. Each machine has two microprocessors associated with it as part of the editing system. A Motorola MC 6800 handles the time code data and a Motorola 6802 checks and updates the incoming time code when the tape is running below the normal time code reading speed.

The system includes the data control unit, an events selector panel and playback control panels. The data control unit allows edit-point times to be entered into electronic stores either from small numeric keyboards or directly from tape time code. The newly entered time codes are used to control the video and/or audio in and out points for the different edits. The store times can be modified, removed from the store or transferred to another store during the editing session.

The events selector panel can be programmed to operate a mixer, a caption generator or a special effects unit within a sequence of up to 48 events. Event points stored in the playback equipment can be programmed to operate a mixer, a caption generator or a special effects unit within a sequence of up to 48 events. Event point stored in the playback equipment can be programmed to put the playback machines into a Slow, Play or Stop mode at certain points in the program. Time code can also be used to start two ¼-in audio tape recorders.

The playback control panels are used to rehearse the material independently of the edit control panel. For example with a three-machine suite there is an edit machine and two playback machines. The control panel on each machine has buttons for controlling the data control unit as well as for functions such as play, stop and spool and for the various controls for editing.

During editing, however, the edit control panel becomes the master control.

Shown above are Don Kershaw (seated), BBC Television Engineering and Operations Department, Jerry Garratt, BBC Studio Capital Projects Department, and Ray Taylor, BBC Engineering Designs Department who led the design team.

Sony Corporation of America announced the formation of Sony Broadcast Products Company to help them respond more effectively to the opportunities and demands of this market. Kenji Tamiya, president, announced the appointment of Neil R. Vander Dussen as president and chief executive officer of the newly established company. Vander Dussen comes to Sony after a 25-year career with RCA Corporation, where he had been executive vice president since 1979. The new Broadcast Products Company will be headquartered in New York City, and the engineering, training, and warehouse will remain in San Jose, CA.

RCA Commercial Communications Systems has announced managerial changes within the Broadcast Transmission Systems Division. Bruno F. Melchionni has been appointed Manager, Transmission Systems Product Operations, responsible for the manufacture and engineering of radio and television transmitters and

broadcast antennas. Previously, he was manager of antennas and technical services for RCA.

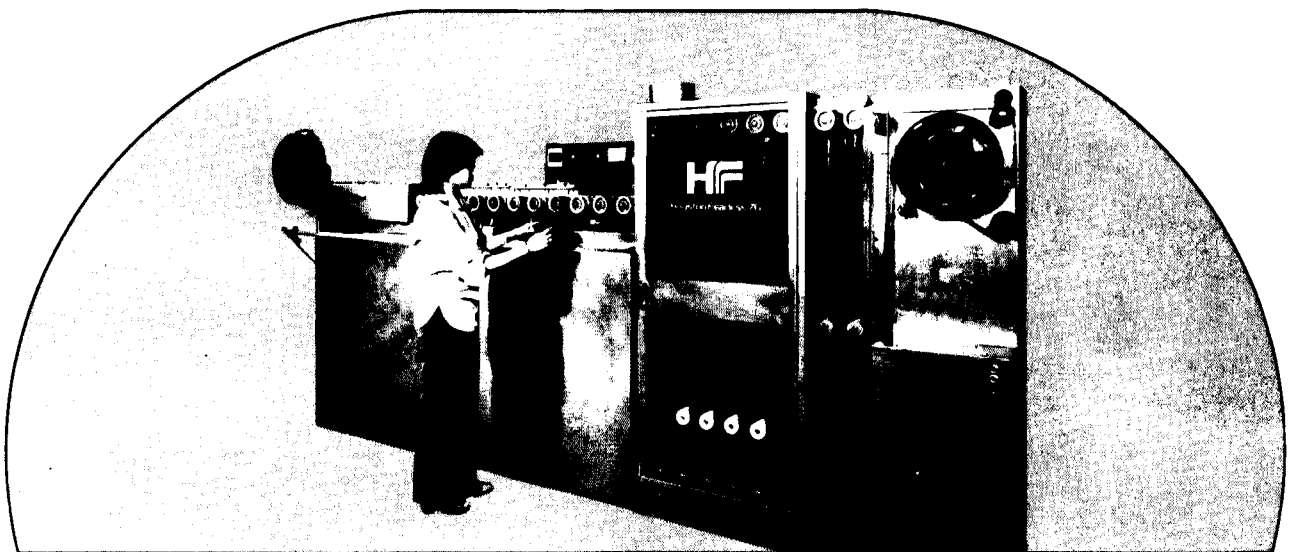
Verne S. Mattison has been named Manager, Transmission Systems Product Management. Prior to assuming his new post, he was Manager, Transmitter Equipment Engineering and Product Management.

Albert T. Montemuro has been named Manager, Technical Services and Product Management, responsible for RCA's Custom, Repair, and Engineering (CRAE) Shop and systems engineering services, as well as for various technical services. Montemuro previously was Manager of TV Systems Engineering and the CRAE shop.

Robert Bosch GmbH Stuttgart and Thomson CSF Paris have concluded an agreement whereby Thomson CSF will manufacture and participate in the development of B-format video recorders. A new B-format videotape recorder will be introduced in 1982. Thomson markets Bosch BCN videotape recorders in France. Bosch introduced one-inch BCN type videotape recorders for broadcast use over the last few years. The BCN system, employing the internationally standardized B-format recording principle, has experienced considerable market success and is in use in more than 65 countries.

Zellan Enterprises, Ltd., which has specialized in the distribution of Aaton 16-mm cameras for the past two years, was recently named the exclusive importer for the French manufacturing firm. Zellan has doubled its office space at 250 W. 57 St., New York City, to provide room for the company's expanding camera rental service and increased work space for the maintenance of cameras sold or rented by the company. They have added two new members to the staff: Marion Schemama in the service department, and Kristin Morrell as office manager.

Fuji Photo Film Co., Ltd. has been named an official sponsor of the Los Angeles Olympic Organizing Committee (LAOOC). As part of its sponsorship agreement, Fuji will provide film to the LAOOC for photographic records of the games and will provide the official film processing center of the games. The center will be located at the main press center and will process both black-and-white and color-slide film for accredited photographers. Media personnel will also have use of darkroom facilities if they wish to develop and print their own black-and-white film. In a related agreement, it was announced that Fuji Photo Film USA, Inc. (the American subsidiary) has become an official sponsor of the United States Olympic Committee and the United States



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teams that will compete in the 1983 Pan American Games and the 1984 Olympic Games.

The 17th Photokina, World's Fair of Photography, Photo, Cine, Video, and Audio-**vision** has a new word added to its subtitle. The inclusion of "video" acknowledges a development that has been evident for years. Since Photokina '72, the video section has grown steadily and has come to acquire a major position within Photokina as a whole. One of Photokina '82's central points of interest will be consumer equipment for "active videography." For the first time, firms who have traditionally acted as suppliers to the photo trade will be showing video equipment for amateur use. Video equipment for professional use will be on show as before, but over a slightly larger area.

OBITUARY

Joseph Polonsky

The recent untimely death of Joseph Polonsky has robbed radio and television

broadcasting of one of its most creative pioneers. His notable career, which spanned more than three decades, included a host of awards from his peer groups in recognition of his significant contributions to television technology. He was elected a Fellow of both the SMPTE and the Royal Television Society; he received the Montreux Symposium Citation for his excellent work on that world forum; and he was a member of the prestigious Edward Rhein Foundation. In addition to his well publicized work in the electronics field, he was also active in bio-medicine, and was in the process of writing a book on that topic.

Mr. Polonsky started his long string of unique contributions to broadcasting in the late 40's with the development of high power transmitters and non-echoic antennas. He began using very short (cm) waves in 1952 on some of the first mobile TV links, and eventually pioneered the first monochrome ENG units using vidicon cameras and a portable backpack transmitter. These camera units were used by CBS in 1956 to cover the major political conventions in the U.S., and were the forerunners of today's widespread ENG operations.

In the radar field, Joe Polonsky developed a novel TV conversion technique which, after its introduction in 1958, became a standard all over the world.

His affiliation with various French



electronic firms culminated in a long-time association with Thomson-CSF, where he rose to be Technical Director of the Broadcasting Division, and where he, after his official retirement a few years ago, continued to serve as a member of the board of directors and a consultant on major projects.

Polonsky was also very active on various standards groups and, most recently, in the field of high definition television, where he spoke frequently at major technical conferences advocating a universal standard for this emerging technology. In this regard, his most visible role was as the moderator of the Montreux Symposium Round Tables, where he assembled knowledgeable executives from all sides of the TV industry to debate controversial topics.

On the personal side, Polo (as his family and friends knew him) was a tireless traveler and frequent speaker at the technical conferences he attended all over the world. He was equally fluent in French, English, Russian, and his native Polish, as well as understanding several other European languages. He was proud of his role as a member of the Resistance in France during World War II, but had buried his animosities to deal amicably with his former adversaries in both Germany and the Soviet Union.

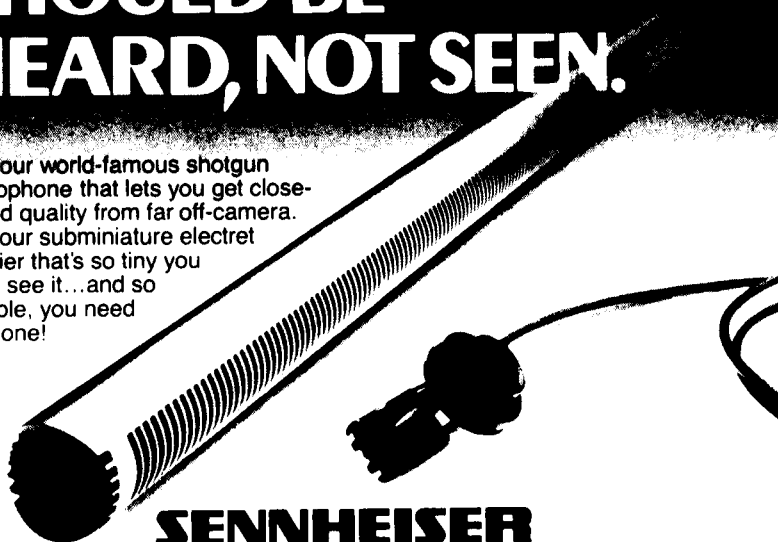
His home in Ver sur Launette, a little hamlet 50 kilometers out of Paris, was a popular meeting place for his many friends who ran television services on both sides of the political spectrum. It was not unusual, on a pleasant Sunday afternoon, to find the Deputy Director of Soviet TV lunching with the V.P. of Engineering for CBS at his renovated home, which he and his wife Danuta had converted from an abandoned derelict to a pleasant example of period architecture, surrounded by flowering gardens that both of them tended with passionate care.

Joseph Polonsky will be sadly missed by his many friends, especially those who had the privilege of working with him during his many productive years.

— Joseph Roizen

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