

Dated:
4/11/83

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

In the Matter of)	
)	
COMMONWEALTH EDISON COMPANY)	Docket Nos. 50-454 OL
)	50-455 OL
Byron Nuclear Power Station,)	
(Units 1 & 2))	

SUMMARY OF TESTIMONY OF
E. ERIE JONES

Erie Jones is the Director of the Illinois Emergency Service and Disaster Agency (IESDA). His testimony addresses IESDA's responsibilities regarding emergency planning associated with operation of nuclear facilities in Illinois and paragraph 10 of Intervenor's amended emergency planning contention.

Mr. Jones generally describes the role of IESDA in the development of the Illinois Plan for Radiological Accidents (IPRA) and he introduces Volume 1 which is the general planning document applicable to all nuclear facilities in Illinois. Mr. Jones describes the development and the status of this volume as well as the site specific volume for Byron Station. He details the previous testing which has been done of the IPRA at other nuclear facilities in Illinois and states the schedule for testing of the Byron plant. Mr. Jones concludes that there will be an adequate emergency plan at Byron Station before that facility begins operation.

Mr. Jones also addresses Intervenor's contention that the emergency plan is deficient because it relies upon volunteers for effective implementation. Mr. Jones describes his personal observations with respect to the manner in which volunteers respond to emergency situations and concludes that, in his opinion, reliance on volunteers in the Byron plant is not misplaced.

Date 4/11/83

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

In The Matter of)	
)	
)	
COMMONWEALTH EDISON COMPANY)	Docket Nos. 50-454 OL
)	50-455 OL
)	
(Byron Nuclear Power Station,)	
Units 1 & 2))	

TESTIMONY OF E. ERIE JONES

Q1: Please state your name and present occupation.

A1: My name is Erie Jones. I am the Director of
the Illinois Emergency Service and Disaster Agency (IESDA).

Q2: Briefly outline your educational and professional
background.

A2: A resume of my education and professional
background is attached as Exhibit 1.

Q3 What is the scope of your testimony?

A3: My testimony addresses generally IESDA's role
in emergency planning for nuclear power plants and specifically
Intervenors amended contention 10.

Q4: Please describe generally the role of IESDA
with respect to emergency planning at Byron.

A4: IESDA is responsible for coordinating the State of Illinois planning and response for any type of emergency including the development of the Illinois Plan for Radiological Accidents (IPRA). IPRA is a multi-volume plan. Volume I is the general planning document applicable to all nuclear facilities. It establishes the concept of operations, chain of command, communications network, and the coordinated response of all participants during a nuclear incident. A copy of Volume 1 is attached as Exhibit 2. Volumes 2 through 5 are the site specific plans for each nuclear station presently licensed to operate in Illinois. These stations are all owned and operated by Edison. The site specific volumes provide detailed procedures for the actions to be taken following a nuclear accident, from initial notification and warning through implementation of protective actions to eventual recovery and reentry. Upon final review and approval, Volume 6 will be the Byron Station site specific plan; it is currently in preliminary draft form and is undergoing detailed review and revision. IPRA has been developed in a coordinated effort among the numerous Federal, State and local governmental agencies and agencies in the private sector. The plan has been developed to interface with the Commonwealth Edison Company Generating Station Emergency Plan (GSEP).

Q5: Was IPRA developed based on guidance provided by federal agencies such as the NRC or FEMA?

A5: Yes. IPRA is based in part upon guidance contained in NUREG 0654 FEMA-REP-1 Rev. 1, "Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants" and NUREG-0396; EPA-520/1-78-016, "Planning Basis for the Development of State and Local Government Radiological Emergency Response Plans in Support of Light Water Nuclear Power Plants."

Q6: Has IPRA been tested in conjunction with planning drills conducted at other nuclear power plant sites in the State of Illinois?

A6: Yes. Volume 1 and the site specific volumes for operating plants have been tested nine times in the context of radiological emergency preparedness exercises related to specific plants. Each exercise was evaluated by FEMA. At each exercise conducted, FEMA found the Illinois state and local governments capable of adequately protecting the public during a radiological emergency at the nuclear power station in question. The exercises were held on the following dates at the indicated nuclear power plants:

<u>Plant</u>	<u>Previous Exercises</u>
Dresden	Oct. 18, 1980 Sept. 30, 1981 June 29, 30, 1982
LaSalle	Dec. 4, 1980 Apr. 15, 1982
Quad Cities	May 20, 1981 Aug. 24, 1982
Zion	July 29, 1981 Jan. 18, 1983

Q7: Is the site specific portion of IPRA pertaining to the Byron Station scheduled to be tested?

A7: Yes. The Byron emergency drill is in the present schedule for the week of August 22, 1983.

Q8: What is the current status of the site specific Volume of IPRA related to Byron?

A8: As I mentioned earlier, Volume 6 of IPRA is currently in preliminary draft form and undergoing detailed review and revision. This draft plan was developed based upon preliminary contacts with organizations and individuals located in the Byron vicinity who are likely to have a role in emergency planning. Portions of the draft Byron Plan have been provided to the appropriate organizations and individuals for further refinement and consideration of particular problems and concerns. As a result of this process, a second version of Volume 6 will be consolidated and reviewed and will be inclusive of those acceptable revisions to the prior draft. Eventually, and as the planning organizations determine that the plan is accurate and workable, this new interim plan will be submitted to the Federal Emergency Management Agency (FEMA) and to other agencies and organizations of the Regional Advisory Committee (RAC) for their review and comments. With the incorporation of the RAC comments, the plan will then be tested during the course of the exercise of the plan. Following the exercise, the plan will again be revised and updated prior to submittal to

FEMA for formal Federal approval.

Q9: Are you aware of any specific matters which cause you to question whether there will be an adequate emergency plan at Byron when the facility begins operation?

A9: No. Due to the number of nuclear stations in Illinois, and the fact that IPRA has been subjected to detailed and intensive scrutiny, I have every confidence that, in the State of Illinois, emergency planning matters are doing well. However, the development of emergency plans is a dynamic and ongoing process. As circumstances and governmental agencies change, their effect on the site specific plans must be considered. The program invites legitimate and acceptable changes. We are currently involved in that process and I have every reason to believe that we will be able to satisfactorily resolve any particular local concerns.

Q10: Mr. Jones, the Intervenor in this proceeding challenge the adequacy of the Byron emergency plan because of the extent of reliance on volunteers to respond to an emergency situation. Do you believe such reliance calls the adequacy of the Byron plan into question?

A10: No. I should preface my remarks on this subject by stating that in large measure the whole operation of emergency services in Illinois, irrespective of the causation of the emergency, is dependent upon using volunteers.

This situation greatly enhances the extent of physical and personnel resources available to respond to emergencies.

The key to assuring effective response is training. It has been my experience as an individual involved on a daily basis with emergencies over the past 10 years that if volunteers are adequately trained there is every reason to expect that they will respond to an emergency as well as paid employees. Thus, with respect to nuclear emergency planning, my agency does not make any distinctions with respect to training for volunteers or paid emergency response personnel.

It is crucial to remember that volunteers are generally motivated solely by a desire to perform a public service. As such, I believe they can be counted on to respond to an emergency. I have personally witnessed the response of volunteers in life threatening situations, such as harardous materials spills, fires, etc., and have also seen volunteers participate in nuclear training exercises. Based on these observations, I feel conficent that reliance on volunteers in the Byron plan is well placed.

E. ERIC JONES

BIOGRAPHY

E. Eric Jones, director since 1973 of the Illinois Emergency Services and Disaster Agency (formerly Illinois Civil Defense and Office of Emergency Preparedness), possesses a broad background in military service, as a school administrator and as a partner in an architectural firm.

During his service with the U.S. Army, Jones attained the rank of Captain and served as Education Officer, Fifth Army. Prior to that post, he was an instructor in technical/engineering programs.

With B.S. and M.S. degrees from the University of Illinois -- supplemented by courses from several other universities and the Sorbonne in Paris -- Jones held positions as assistant superintendent of Palatine Elementary Schools and president of Penn-Wall Schools.

In the private sector, he was executive vice-president of the Home Builders of Chicagoland and later a partner in the architectural firm of Fitch, LaRocca, Carlington and Jones.

His state service began in 1971 with his participation as chairman of the Illinois Construction Review Task Force.

As director of the state's emergency services agency, Jones has distinguished himself by his all-important philosophy that government exists solely to serve human needs. This attitude is apparent in agency management as well as in Illinois ESDA performance in emergency situations.

Top priorities under Jones leadership have been to strengthen the vital local emergency services agencies and to develop maximum coordination of efforts at local, state and federal levels.

A resident of Palatine, Director Jones is married to the former Margaret Farr and has six children.

EXHIBIT 1

BIOGRAPHICAL DATA FACT SHEET

PERSONAL HISTORY

E. Erie Jones, Jr.
Route 2
Box 922
Crest Springs, Illinois 62922

Telephone: Springfield O: 217/782-2700
Marion O: 618/997-5847
Marion H: 618/996-2248

Birthdate: December 11, 1921

Wife: Margaret (Farr) Jones

Children: Erie III Jacalyn
 Rebecca Paula
 Kimberly Jennifer

EDUCATIONAL HISTORY

1967 - Advanced Work, Renaissance College, Illinois State University
1950 - M.S., Ed., University of Illinois
1948 - B.S., Ed., University of Illinois
1946 - Attended the Sorbonne, Paris, France
1946 - Attended Institute de Radium, Paris, France
1943 - University of South Dakota (In U.S. Army)
1943 - Dakota State University, (In U. S. Army)

CAREER HISTORY

1975 - Director, Illinois Emergency Services and Disaster Agency
1973 - 1975 Director, Illinois Civil Defense Agency
1971 - 1973 Chairman, State of Illinois Construction Review Task Force
1963 - 1971 Partner, Fitch-LaRocca-Carlinton-Jones, Planner/Architects
1959 - 1963 Executive Vice President, Home Builders of Chicagoland
1954 - 1959 President, Pana-Wall Schools
1952 - 1954 Assistant Superintendent, Palatine Elementary Schools
1951 - 1952 Education Officer, Fifth Army
1950 - 1951 Principal, Palatine Elementary Schools
1948 - 1949 Superintendent/Principal, Mount Olive Elementary Schools
1945 - 1946 Instructor, C. E., Wharton (England) Technical School

MILITARY SERVICE

1951 - 1952 Education Officer, Captain, Fifth Army
1946 Utilities Officer, Captain, Western Base Section, SHAEF
1945 Instructor, C. E. Wharton (England) Technical School
1944 Instructor, First Lieutenant, Advanced Engineer Section,
School of Engineering, Ft. Belvoir, Virginia
1944 Engineer Company Commander, Second Lieutenant
1943 37th Infantry Division, Regimental Headquarters G-3, (NCO)
1942 Signal Corps, (NCO)

MEMBERSHIPS

National Emergency Management Association, President-Elect, 1981-1982
 National Emergency Management Association, Region V Vice-President, 1979-1981
 National Emergency Management Association 1980-
 National Association of Directors for Disaster Preparedness 1973-1980
 U. S. Civil Defense Council 1973-
 Ill. Civil Defense Council (Ill. Emergency Services Management Association) 1973-
 Board of Directors, Chicago Commons Association 1969-1975
 Illinois Vocational Advisory Council 1974-1977
 Illinois State Scholarship Commission 1967-1974
 Licensed Pilot, SEL (1947)
 Life Supervisory Teaching Certificate, State of Illinois (1953)
 International Association of School Business Officials 1955-1970
 Department of Elementary School Principals, Life Member
 National Association of Secondary School Principals 1960-1973
 Illinois State Chamber of Commerce 1951-1971
 National Association of School Boards 1955-1965
 Illinois Association of School Boards 1955-1965
 Council of Educational Facilities Planners 1968-1975
 American Association of Junior Colleges 1962

COMMITTEES

Chairman, Governmental Affairs Committee, National Emergency Management Association 1978-1981
 Interorganizational Advisory Committee, Radiological Emergency Response Planning and Preparedness, Nuclear Regulatory Commission 1977-
 Earthquake Study Committee, National Association of State Directors for Disaster Preparedness 1977-1978
 Planning Committee for Disaster Preparedness, Council of State Governments 1976-1978
 Committee on Communications, National Association of State Directors for Disaster Preparedness 1975-1977
 State of Illinois, Atomic Energy Commission 1973-

LECTURES AND PUBLICATIONS

Lecturer, University of Illinois, School Plant Planning
 Lecturer, Northern Illinois University, Planning and Finance
 Lecturer, University of Illinois, Small Homes Council, "Experimentation Housing" 1959
 Lecturer, Purdue University, Programs for Education
 Lecturer, Illinois State University, School Planning and Design
 Guest Staff Member, Illinois State University, School Design - The Process, 1966-1971

COMMUNITY SERVICE AND HONORS

Chairman, Palatine High School Board
 Chairman, Founders Committee, Harper College, Palatine, Illinois 1965
 Chairman, Northwest Junior College Organizational Committee 1961-1964
 Chairman, Chicago-based Area Five State Council Building Committee 1960

EXHIBIT 2 TO TESTIMONY OF
E. ERIE JONES

ILLINOIS PLAN FOR RADIOLOGICAL ACCIDENTS (IPRA)
VOLUME 1

N O T I C E

This copy of Volume 1 to IPRA is being provided as an accommodation for review in litigation before the NRC Atomic Safety and Licensing Board of emergency planning contentions in the operating license proceedings for Byron Station. This copy is not to be disseminated in any form or reproduced by any means as it is the property of the State of Illinois. This copy must be returned upon completion of the proceedings.

Volume 1 of IPRA is subject to ongoing review and revision. The dissemination of uncontrolled and outdated copies of this volume or portions thereof could be detrimental to the purpose for which it is intended.

This notice is served at the request of the Illinois Emergency and Disaster Agency.