

Polish group to perform traditional songs, dances

by Rebeca Zimmermann
Battalion Staff
Polish polkas, waltzes, folk and festival songs and dances will be performed by the Mazowsze Polish Song and Dance Company tonight in Rudder Auditorium.

The performance, sponsored by the MSC Opera and Performance Arts Society, begins at 8 p.m. The company, famous for its joyous dancing and spectacular costumes, consists of 115 dancers, singers and musicians. The company members perform dances and songs from weddings, balls, matchmaking events and other festivals.

Songs and dances that repre-

sent many regions of Poland also will be performed.

The troupe takes its name from one of these regions — Mazowsze is the central region of Poland. Warsaw, the Polish capital, is in this region. The company lives and rehearses at a country estate 20 miles from Warsaw.

A Polish musician and his wife formed the group in 1948 because of their interest in Poland's traditional songs and dances.

The founders chose company members from more than 5,000 applicants. At the same time, they chose the most typical and suitable dances and songs from every region in Poland.



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REGIS HAIRSTYLISTS

Circuit invention puts prof in Hall of Fame

by Tanya Yanta
Battalion Reporter

The inventor of the integrated circuit and the hand-held calculator — a Texas A&M distinguished professor of electrical engineering — has been chosen for induction into the National Inventors Hall of Fame.

Jack S. Kilby of Dallas will join Thomas Edison, Alexander Graham Bell, the Wright Brothers and other legendary inventors already named to the distinguished group. Kilby is one of five inventors named for the award this year, given by the U.S. Patent and Trademark Office.

Members of 30 scientific and engineering societies selected the five winners from among 100 nominees.

Kilby was elected for his invention of the integrated

circuit, which he created in 1958 while he was an engineer at Texas Instruments. The integrated circuit was a revolutionary advance in solid-state electronics and led to new products such as the pocket calculator. Kilby left TI in 1970.

The inventor joined the Texas A&M faculty in 1978. He divides his time between University programs and other research activities.

Kilby has patents for the since-expanded integrated circuit, and the calculator, the hand-held device that revolutionized mathematical computation. He holds 50 patents.

Kilby presented the first hand-held calculator to the Smithsonian Institution in 1977. His work includes reducing titanate capacitors,

semiconductor thermal meters and other electronics. He is active in solar energy research. Kilby won the National Medal of Science in 1978.

A native of Jefferson, Mo., he has a bachelor's degree from the University of Illinois and a master's degree from the University of Wisconsin.

The four other men elected to the National Inventors Hall of Fame are: Ford, for the invention of the independent suspension system; Ernest O. Lawrence, for his method of accelerating atomic particles; Otmar Mergenthaler, who developed the linotype machine; and Max Permut, who developed a system for synthesizing riboflavin.

Brown & Root Inc. hopes for recertification

DALLAS — The owners of the \$3.44 billion Comanche Peak nuclear power plant have ordered Brown & Root Inc. to continue construction of the plant — gambling that the American Society of Mechanical Engineers will renew the firm's nuclear certification.

ASME, which provides building certification required by the government, let the firm's nuclear stamp of approval expire last month.

An inspection in October found problems with the company's quality-control measures, including unauthorized parts modifications and incomplete

record-keeping at the plant, located 80 miles southwest of Las Rose.

Recommendations for second inspection in January to be made next month. Brown & Root's request for renewal of the nuclear stamp

ASME must decide whether the construction firm has graded its records to a level sufficient to show design and equipment alterations can be traced through an accurate quality-control program.

Officials of the U.S. Nuclear Regulatory Commission predicted ASME will not renew Brown & Root's stamp.

Neither ASME or Brown & Root officials would comment on the matter, instead releasing questions to the plant's owners — Dallas Power & Light Co., Texas Power & Light and Texas Electric Service.

Plant Construction Manager Bobby Murray said alterations made to thousands of hangers, restraints and supports will reduce their ability to meet the plant's pipes.

The October inspection criticized Brown & Root for entering the equipment without first getting certification from manufacturers that the code requirements.

Robert D. Pollard, a member of the Union of Concerned Scientists, said the system employed by the NRC and ASME to watch over builders of nuclear plants is not adequate.

Pollard said he feels the NRC should decide whether all construction safety codes have been met, rather than allowing owners and ASME to bear responsibility.

However, the deputy administrator of the NRC's regional office in Arlington said NRC inspectors can overrule ASME approval of a plant's construction procedures.

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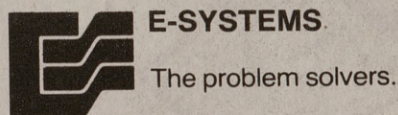
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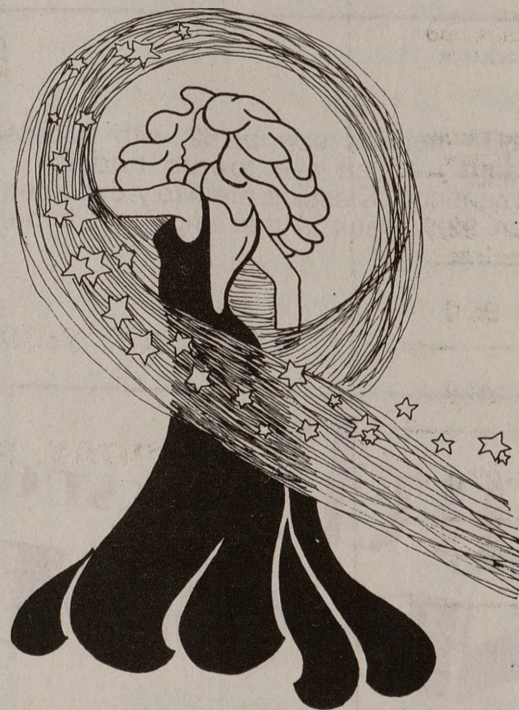
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