

# Activation Analysis Project Showing Early Stage Results

A&M scientists are busy these days developing and building a machine and research system which will be relatively new in the field of qualitative and quantitative analysis of materials.

The program is known as the Activation Analysis Project and involves the analyzing of substances through use of atomic energy, electronic counters and sorters and electronic computers.

The classical system of qualitative and quantitative analysis of materials has been, and still is, a chemical method. Qualitative analysis is the determination of elements present in a substance. Quantitative analysis is the determination of the kind and amount of elements present.

Finally, the cards are taken to the A&M Data Processing Center and run through electronic computers which work out the answer. The availability of these computers has made the whole project feasible.

After activation, the process should take no more than about 15 minutes, Gibbons said. In contrast, chemical analysis might take from several hours to several days.

## Girl Scouts Plan Operetta Friday Night

Girl Scout Troop 32 of College Station will present an operetta, "Let's Go Camping Together," at the Girl Scout House, Rountree Drive, Friday at 7:30 p.m.

The public is invited. Tickets may be obtained by calling Mrs. LeRoy C. Brown, any member of the troop, or they may be purchased at the door. Price of tickets is 25c for adults and 15c for children.

Mrs. Robert Peach is directing the operetta, assisted by Mrs. John Irving, troop leader.

Purpose of the operetta is to raise money for a trip to Mexico which the troop plans to take during the Easter holidays. The thirty-seven troop members, along with their leaders and a number of parents, will leave College Station early Thursday, Mar. 30. Their first night out will be spent at Eagle Pass where they will meet with the Mexican troop of Piedras Negras for a "get acquainted" affair.

Friday morning they will cross the border into Mexico and travel to Nueva Rosita where they will set up camp. Saturday will be spent at the market place in Rosita and at the Kickapoo Indian Village.

The girls will attend Easter services Sunday morning at the church in Rosita. Early Monday morning, the scouts will break camp and return to College Station.

Electronic apparatus then counts and sorts the rays and records the findings on punched tape. The next step is to feed the tape into a machine that transfers the information to IBM cards.

Wainerdi said the whole activation analysis setup is still in the early stages of development, and there is much to learn about the technique.

One of the features of the Activation Analysis Laboratory is that much of its complex equipment has been designed and built here.

Wainerdi emphasized that this work has been a group effort since early 1958 by electrical engineering students and members of the college staff. At present there are seven staff members, including four electrical engineering graduate students working on the project.

The graduate students are Lloyd Fite of Carthage, project engineer working on his Master of Science degree; John Lee Shanks of Beeville, a doctoral degree candidate; Walter Breen of San Antonio, and James E. Anderson of Woodville, both working on Master of Science degrees.

Project technician is Antone Nemeec of College Station.

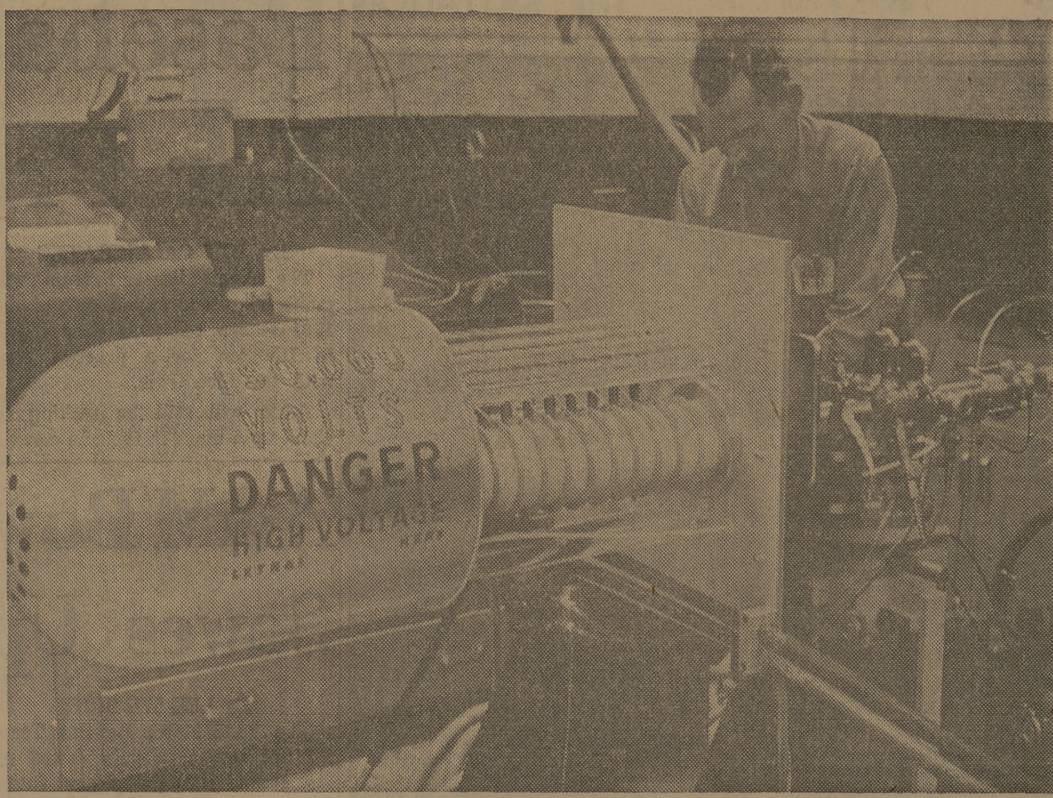
## Boy Scouts Build Bridges At Campsite

The Boy Scouts of Troop 802 are building bridges over two inlets of the lake at their Pleasant Acres campsite.

Under the supervision of Scoutmaster Sid Loveless, Assistant Scoutmaster Jim Amyx and Chairman Fred Worley, the boys have set piles and hauled timber for one bridge completed last week and for another under construction.

This project followed the completion of a ceremonial circle for campfire meetings, two raised barbecue fire beds and two floor slabs for the patrol squad tents.

Two new boys, Tom Shelton and Bill Loveless, were welcomed to the Davy Crockett Patrol at the last troop meeting. Plans were made for the Apr. 14-15 Camporee to be held in Bryan and for the June 18-24 camp at Camp Strake near Conroe.



Atomic Accelerator ... part of Activation Analysis Projects

## Soviets Snub Luncheon Given By Hammarskjold

By The Associated Press UNITED NATIONS, N. Y.—The Soviet Union Monday snubbed a high-level diplomatic luncheon given by Dag Hammarskjold for Ghana President Kwame Nkrumah.

It was a clear warning that the Russians will continue to fight any Congo peace plan in which the U. N. secretary-general has a role—even at the risk of displeasing many Asian-African nations.

The snub came on the eve of the resumption of the 99-nation General Assembly, where the Congo crisis is the No. 1 issue.

Soviet Foreign Minister Andrei A. Gromyko was joined in the luncheon boycott by Bulgaria and Romania, the only other Communist delegations invited.

Before the luncheon, Hammarskjold talked with Nkrumah for an hour, and late in the afternoon Gromyko paid a call on Nkrumah at the latter's suite at the Waldorf-Astoria Hotel, presumably to explain the Soviet position on the Congo.

This was only a part of intense diplomatic activity on the eve of the resumed 15th General Assembly.

Ambassador Adlai E. Stevenson, chief U. S. delegate, had a 90-minute breakfast session with Nkrumah, who will put his plan for an all-African U. N. Congo

command before the opening session Tuesday afternoon.

Afterward Nkrumah told reporters: "Africa combined—supported by the United Nations—that's the only way to save the Congo." Asked if they had discussed "Africa for Africans," Stevenson commented: "We discussed everything, including the rent."

Stevenson then went to the Soviet U. N. Mission on Park Avenue for a 70-minute private talk with Gromyko. The U. S. delegate said as he came out of the mission: "I was glad to see my old friend, Mr. Gromyko."

A U. N. spokesman said their talk dealt with issues before the resumed session, but the spokesman declined to go into any details.

Stevenson came directly to the Hammarskjold luncheon in the Security Council lounge at U. N. headquarters after the talk with Gromyko.

Events were shaping up for a sharp U. S.-Soviet clash on the

Congo before the assembly.

The United States has made clear its support for Hammarskjold in his efforts to implement last week's Security Council resolution empowering the United Nations to use force if necessary to stop civil war in the Congo. Hammarskjold has the responsibility to carry out the resolution, which had overwhelming Asian-African support.

The same resolution calls for withdrawal of all Belgian military and semimilitary personnel, Belgian political advisers to Congolese authorities, and foreign mercenaries.

But Belgium's U. N. Ambassador Walter Loridan has informed Hammarskjold that his country cannot compel Belgians serving with foreign troops in the Congo to get out. Loridan also said Congolese authorities have a legal right to employ Belgians as political advisers and only the Congolese have the right to dismiss them.

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