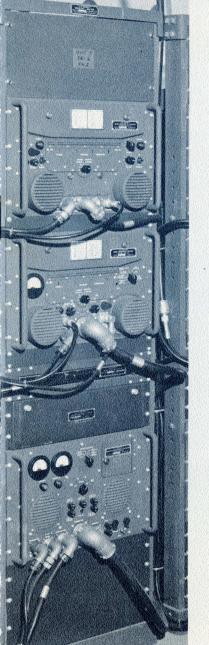
1958 Pacific General Meeting August 19-22





PACIFIC MEETING ACTIVITIES

PACIFIC GENERAL MEETING



August 19-22
Sacramento, California

AMERICAN INSTITUTE of ELECTRICAL ENGINEERS

PACIFIC GENERAL MEETING

August 19, 20, 21, 22 SACRAMENTO, CALIFORNIA

To Our Guests:

Welcome to the 1958 Pacific General Meeting. We of the Sacramento Section, serving as your hosts, sincerely hope that your stay with us will be memorable, enjoyable, and educational. We have endeavored to balance an excellent technical program with outstanding inspection trips and interesting social events.

The Sacramento area offers much of historic and scenic interest. A special descriptive folder outlining short auto trips for family groups is available without charge at the Information Desk.

Please call on any member of our committees or inquire at the Information Desk if you need assistance, and we will be glad to help in any way we can.

Cordially,

Charles R. Day Charles R. Day General Chairman

1958 Pacific General Meeting

GENERAL INFORMATION

All inspection trips are scheduled for a half day only. In all cases, the return to headquarters will be in time for succeeding events. Times given on the following pages designate the hour the bus will leave from the 12th Street entrance of Hotel Senator. Tickets should be purchased 4 hours in advance and are required for admittance to bus. Those attending inspection trips must ride the busses provided to gain admission to the facilities to be inspected. Men will be more comfortable on the trips if they wear sport shirts. Casual sportswear for the men at the technical sessions and all AIEE-sponsored activities is encouraged.

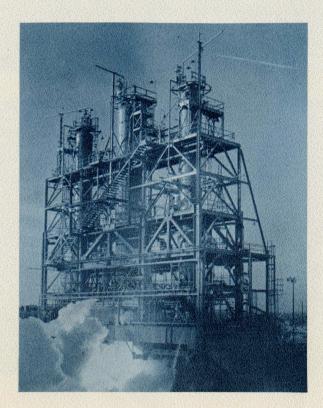
INSPECTION TRIP

Aerojet-General Corporation Tuesday, 1:30 p.m., \$2.00

This trip is to the largest rocket production and testing complex in the free world. Located 18 miles east of Sacramento in the heart of the "Gold Rush" country, this plant covering 20,000 acres employs more than 7,000 people.

Established locally in 1951, Aerojet's Solid Rocket Plant was designed for the development and testing of solid rocket engines of over 20 million poundseconds total impulse.

Liquid rocket facilities can test-fire engines having in excess of 1,000,000 pounds of instantaneous thrust.



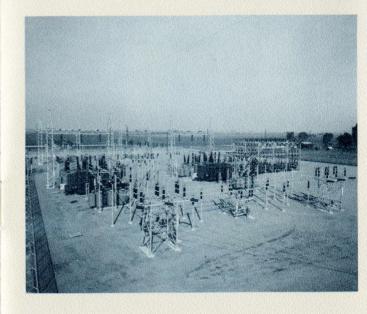
INSPECTION TRIP

McClellan Air Force Base Wednesday, 8:30 a.m., \$1.50

McClellan Air Force Base, dedicated in 1939, has a four-point mission: (1) Supply quantities from one to a haif million of any of 300,000 different parts to any West Coast base, the Pacific Area, or the Far East; (2) Maintain, repair, and modify airplanes, engines, electronic gear, ground vehicles, parachutes, etc.; (3) Train civilian and military personnel in all phases of Air Force activity; and (4) Procure more than two billion dollars' worth of aircraft annually. These functions require 20,000 military and civilian employees.

Included on the tour will be visits to the Electronics Shops and the Main Maintenance Hangars.





INSPECTION TRIP

ELVERTA AND HEDGE SUBSTATIONS Wednesday, 1:30 p.m., \$2.00

Elverta Substation is a principal receiving substation of the Sacramento Municipal Utility District at which power is taken from the U.S. Bureau of Reclamation at 230 kv. Two 185,000 kva 3-phase 4-winding double autotransformers supply both 115 kv and 69 kv station buses. Four 12.5 mvar-switched capacitor banks are connected to the 69 kv station buses.

Hedge Substation is under construction and much of the physical plant is now in place. This station will receive power from the Pacific Gas & Electric Company and SMUD's Upper American River Hydro Project at 230 kv. Both the 230 kv and 115 kv buses are of the ring type. The initial installation includes one 230/120 kv, 120,000 kva 3-phase and one 230/76 kv, 160,000 kva 3-phase transformer.



INSPECTION TRIP

United States Army Signal Depot Thursday, 8:30 a.m., \$1.00

The function of the Sacramento Signal Depot is to acquire, store, repair, and issue the many thousands of pieces of equipment used in communications by the U.S. Army. Equipment seen during the tour may range in size from a huge mobile radar set weighing many tons to a small transistor only fractions of an inch in length.

The Sacramento Signal Depot stocks, distributes, repairs, and maintains all types of Signal equipment used for Radar, Electronics, Avionics, Nucleonics, Communication, Television, Teletype, Meteorology and Radiology.

An unusually interesting feature seen on the trip will be the modern crystal grinding and fabrication shops. In this operation, crystals used in various communication equipment are shaped and ground with great precision.

INSPECTION TRIP

PROCTER & GAMBLE PLANT Thursday, 2 p.m., \$1.00

This newest Procter & Gamble plant manufacturing synthetic detergents and processing the raw materials used in them is located a short 20-minute bus ride from Meeting headquarters. In the process area, tank car quantities of coconut oil are daily processed for shipment to all P&G plants in the United States making detergent granules, bars, and liquids. The synthetic detergent plant is an integrated operation continuously converting liquid and solid chemicals into the familiar granules for home use.

Numerous automatic controls, both pneumatic and electronic, are used to control the chemical processes. The packing unit which will be seen on the tour has the latest in automatic packaging machinery and materials handling equipment. The 12 kv distribution system to unit substations will be shown as part of the tour.

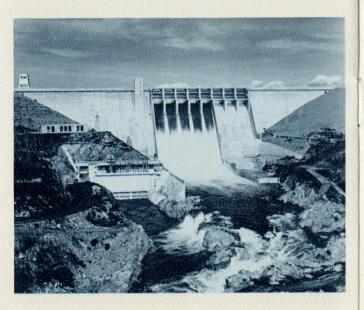


INSPECTION TRIP

Folsom Dam and Powerhouse—Old and New Friday, 8:30 a.m., \$2.50

A significant aspect of this tour will be a brief ceremony dedicating the old Folsom Powerhouse as a California Historical Landmark. This interesting old plant which will be open for a short inspection after the dedication, generated 3,000 kw at 800 volts for more than half a century. The power, transmitted 22 miles to Sacramento, continued to flow until construction of the new Folsom Dam forced it to shut down.

The new Folsom Dam (completed in 1956) and its generation, substation, and switching facilities will be visited. This dam which impounds one million acre-feet of water, was constructed by the U.S. Corps of Engineers. The three generators, each rated at 54,000 kw, were installed and are operated by the U.S. Bureau of Reclamation as part of its Central Valley Project.



WINE TASTING FESTIVAL

Tuesday, Hotel Senator, Empire Room Open House 6-8 p.m. (No Charge)

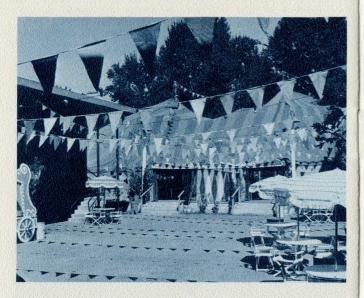


Produced in the nearby Napa County vineyards of Louis M. Martini, twelve famous wines will be presented for your enjoyment. Generous samples will be offered of all types—from the light-bodied wines to the aperitif and dessert wines. You are invited to visit each table and sample all of these famous California wines—many of which come from lovely old vineyards that have been producing some of the world's finest grapes continuously since 1880.

Tidbits of bread and cheese are offered between samples to clear your palate for the next taste. Sample pouring will end promptly at 8 p.m.

"THE MOST HAPPY FELLA"

SMASH STAGE HIT PRESENTED AT THE MUSIC CIRCUS Wednesday, 8:30 p.m., 1419 H Street



LIMITED NUMBER OF TICKETS AVAILABLE. SOLD AT \$2.40 ON A FIRST-COME, FIRST-SERVED BASIS AT THE AIEE TICKET SALES BOOTH.

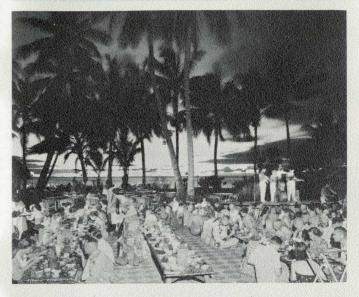
This comedy-drama is the musical version of the famous play, "They Knew What They Wanted". An outstanding success on Broadway last season, this musical will be staged "in the round" under a gala circus tent.

With music composed by Frank Loesser, the locale of the story is in nearby Napa Valley. A wealthy, middle-aged farmer brings his wife home to live in the vineyard country and from that point on, chaos runs rampant! The eternal triangle, completed by the young, handsome ranch foreman, adds to the farmer's trials and tribulations. Hit songs, "Joey", "Big 'D", and "Standing on the Corner Watching all the Girls Go By" combine with the plot to assure a fascinating evening's entertainment for both the men and their ladies.

Luau (Hawaiian Feast)

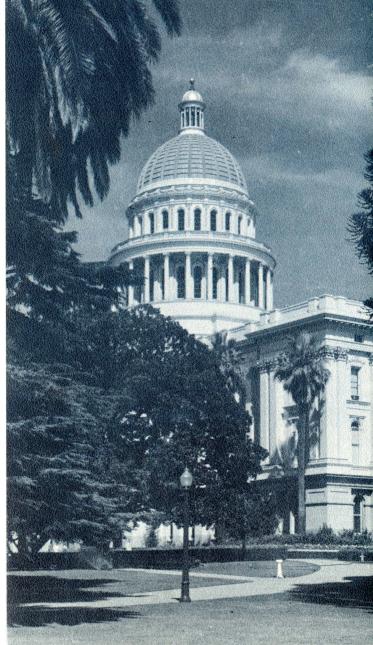
THURSDAY, 7-12 P.M., NEWMAN CLUB, \$6 PER PERSON

Those with automobiles are encouraged to drive them and follow directions on the mimeographed map attached. For others, there will be free bus service at 6:30, 6:45, and periodically thereafter; and return service after dinner and at 45-minute intervals thereafter.



Presented in an authentic Hawaiian style, the Luau is planned as the high point of the Meeting's entertainment for you and your lady. Late afternoon swimming followed by a cocktail party (two free drinks), dinner, entertainment, and dancing till midnight will provide an entire evening's enjoyment. The Cocktail Hour begins at 7, dinner at 8, and dancing at 9 p.m. Held as an indoor-outdoor affair, the Luau, featuring roast suckling pig, will be served by Hula Girls and Beach Boys. Dress will be casual for maximum comfort.

Note: Due to circumstances beyond our control, the setting for this Luau will not be exactly as photographed above on the beach at Waikiki.



An Invitation to

A Wine Tasting Party

August 19, 1958—6:00 to 8:00 P.M.

Empire Room

Hotel Senator

No Charge

Courtesy of Sacramento Chapter AIEE

Presenting the Wines

of

Louis M. Martini

St. Helena, Napa County

California

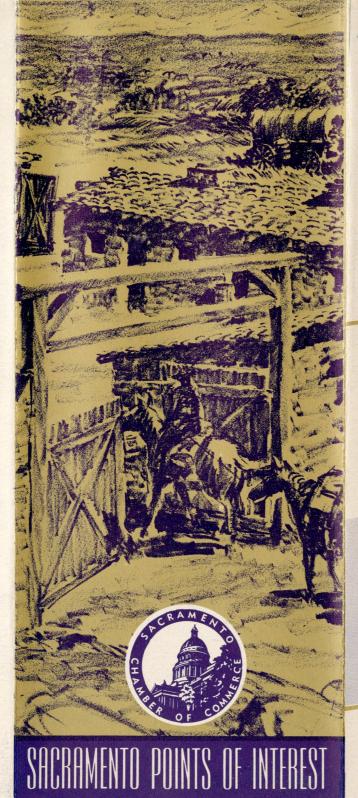
Sacramento Story

Sacramento's richly storied past is in itself an important chapter in American history!

Captain John A. Sutter chose the Sacramento area to establish a colony for his countrymen from Switzerland. The year . . . 1839.

The colony, first called New Helvetia, began to attract immigrants and the settlement prospered. Sutter turned his hand to various enterprises . . . wheat raising . . . flour milling . . . distilling and finally, a passenger and freight boat service to San Francisco.

Sutter's Fort, built between 1839 and 1844, stands today as one of America's most fascinating historical attractions. The discovery of gold on January 24, 1848 in Coloma, which is close to Placerville, El Dorado County, quickly brought evil days to Sutter and his fort. His workers hastened to the gold fields, leaving crops to rot, his business to fail and his cattle to be stolen. In a short time, he lost possession of his fort. Then Sutter's son, who had been deeded family property near the Embarcadero, laid out a town . . . calling it Sacramento City. This was April, 1849. Sacramento became California's permanent Capitol in 1854 and by 1869 the State Government moved into its new Capitol Building. The building of the Central Pacific Railroad (now Southern Pacific) over the Sierra (1863-69) was completed only after Sacramento's "Big Four"-Charles Crocker, Callis P. Huntington, Leland Stanford and Mark Hopkinssecured the much-needed financing. Since that time Sacramento has climbed steadily until today it ranks as one of the nation's fastest-growing communities.





"Camellia Capital of the World"

Sacramento is proud of her title of "Camellia Capital of the World." Hundreds of varieties of flowers and shrubs in home yards

beauty and color. Capitol Park, with more than 400 varieties and the parks dazzle visitors with of trees, shrubs and flowers from the world over, provides one of the nation's outstanding horticultural displays.

business, government

center Sacramento is headquarters for

California's government and scores of federal agencies; McClellan Air

Force Base and other major military

establishments. It is the commerce

center for the Sacramento Valley

historical

Sacramento — focus of the history-making '49 Gold Rush and California's early development-still keeps alive the color and romance of these exciting, historical days with such landmarks as Sutter's Fort, the Pony Express terminal, the State Indian Museum, the Crocker Art Gallery, the original Huntington locomotive and many others.

mineral and lumber wealth of the area. TO EVERYWHERE

and the processing plant for the agricultural,

land of the '49ers Coloma-site of gold's first discov-

ery—Angels Camp, Sonora, Nevada City, Auburn and the scores of other richly storied gold towns of the Mother Lode country; Donner Lake, and hundreds of other history-laden places in the shrine of the tragic Donner Party, foothills and mountains provide intriguing side trips from the Capital City.

mountains

Within two hours' easy driving are the breath-taking Sierra Nevada mountains, with world famous Lake Tahoe, Donner Lake and hundreds

beckon those who love the outdoors. Whether it's Summer play or Winter sports, the Sierras offer limitless facilities.

sportsmen's greatest paradise

The two great rivers—the Sacramento and the American—that form a semi-circle around the city's doorstep offer unparalleled fishing and cruising waters. The valley and mountains in her backyard offer equally excellent fishing, plus hunting—deer, ducks, pheasants, and quail are abundant.



Major Points of Interest

STATE CAPITOL-10th and Capitol Avenue-Open at all times from 7:00 a.m. to 9:00 p.m.-Monday through Friday. tour conducted at 12:40 p.m. through the Governor's wing. One of America's most beautiful Capitol Buildings, surrounded by a 40-acre park containing 400 varieties of trees, shrubs, and flowers.

GOVERNOR'S MANSION—16th and H Streets—Completed in 1878 by a wealthy hardware merchant. This structure was later owned by Joseph Steffens, son of the author Lincoln Steffens. The state purchased it in 1903 and all the governors since then have occupied it.

SUTTER'S FORT-27th and L Streets-Open daily from 10:00 a.m. to 5:00 p.m.—Birthplace of Sacramento in 1839, and now an outstanding museum containing relics of the gold rush and early days of California.

CROCKER ART GALLERY-216 O Street-Open Tuesday through Sunday, 10:00 a.m. to 5:00 p.m.-Residence of Judge E. B. Crocker, houses one of the West's finest collections of art treasures.

CALIFORNIA JUNIOR MUSEUM-4500 Y Street (State Fair Grounds)-Open daily, Tuesday through Sunday from 9:00 a.m. to 5:00 p.m. Located on the State Fair Grounds this unique year around facility features many interesting displays on California's natural history and an excellent collection of live animals native to this area. A unique animal-lending library is operated at this museum.

CALIFORNIA STATE FAIR—Stockton Boulevard and Broadway-Scheduled about the first of September, annually this fair features California's mighty industrial, commercial. recreational assets on display.

WILLIAM LAND PARK-Freeport Boulevard and Sutterville Road-City park containing picnic facilities, bridle paths, zoo, golf course, recreation areas, beautiful flowers and shrubbery, archery range and police academy.

MEMORIAL AUDITORIUM-15th and J Streets-Built in 1927 at a cost of \$1,000,000, main auditorium seats 5,000 and features one of the West's largest stages.

INDIAN MUSEUM-2610 K Street-Open daily from 10:00 a.m. to 5:00 p.m. Located on Sutter's Fort property, the State Indian Museum contains an outstanding collection of Indian artifacts produced by early Western tribes.

PONY EXPRESS BUILDING—Second & J Streets—Erected in 1853, served as the Western terminus of the Pony Express, connecting Sacramento with St. Joseph, Missouri. (Not open to visitors at present)

STANFORD-LATHROP HOME-8th and N Streets-Open daily from 2:00 p.m. to 5:00 p.m. Former home of Governor Leland Stanford, founder of Stanford University, Now operated as a home for dependent girls.

HUNTINGTON LOCOMOTIVE—5th and I Streets—Named after C. P. Huntington, one of Sacramento's "Big Four," this interesting old locomotive was built in 1863 and shipped around the Horn and up the Sacramento River on a schooner. It saw service on the old Central Pacific Railroad.

SADDLE ROCK RESTAURANT-1019 Second Street-A picturesque eating place in Sacramento, this restaurant opened during the Gold Rush Days of 1849 and has been in constant operation since that time.

Where to Dine

	1117 11ah Canad
Bedell's	FOID Fromest Boulevard
Bob's Bar-B-Q	712 I Street
Boitano's The Broiler	1012 Street
Burich's Grill	4217 Stockton Poulovard
Capitol Tamale	1116 10th Street
Casa Carlos	2042 25th Street
Cathay House	1117 - 8th Street
Club Pheasant	lefferson Blvd W.S.
Coral Reef	
Corkwood Restaurant & Lounge	
Dick & Eddie's	
Dunlap's Dining Room	
Elbo Room	
Espanol	231 Street
Falor's Coffee Shop	
Fong's Restaurant	
Frank's 806 Cafe	
Hart's	919 - K Street
520 K St., 7th & L Streets;	
Hickory House	
International Room	
Johnson's Del Prado	
Johnson's Fine Foods	
Ken's Red Barn	3409 Fulton Avenue
La Fiesta Mexi'Catessen	
The Lanai	5675 Freeport Boulevard
Log Cabin Tavern	701 J Street
Mr. T's Steak	908 J Street
Old MacDonald's Farm	Highway 16, Jackson Road
Parisi's	3311 Fulton Avenue
Parkview	
Rosemount Grill	3145 Folsom Boulevard
Saddle Rock Restaurant	
Sam's Hof Brau	
Sam's Ranch Wagon	
Scheidel's Bavaria	
Take-E-Home	
Tan-Tan Club	
Town House Restaurant	
Trio	
Villa D'Italia	
Wakano-Ura Chop Suey	
Wilyum's Coffee Shop	
Zombie Hut	5635 Freeport Boulevard

Where to Stay

Hotels:	
Aida Hotel	14th and J Streets
El Mirador Motor Inn	13th and N Streets
Hotel Berry	8th and L Streets
Hotel Californian	8th and I Streets
Hotel Clunie	8th and K Streets
Hotel El Dorado	877 Canterbury Rd., N. S.
Hotel El Rancho	West Capitol Avenue
Hotel Espanol	231 Street
Hotel Travelers	5th and J Streets
Sacramento Inn	Arden Way and Freeway
Senator Hotel	12th and L Streets
Motels:	
Capitol Inn	1130 West Capitol Ave.
Casa Linda Motel	Folsom Boulevard
Greenbrier Motor Hotel	4331 Stockton Boulevard
Los Robles Motel	. 2200 Auburn Boulevard
Niceley Motel	. 6020 Stockton Boulevard
San Carlos Court	. 2830 Stockton Boulevard
Sky Ranch Motel	. 1800 West Capitol Avenue, W. S.

Victoria Motor Lodge...... 5716 Stockton Boulevard

Recreational Facilities

BOWLING ALLEYS:

Alhambra Bowl - 1221 Alhambra Blvd. Capital Bowl - 1415 L Street North Sacramento Bowl - 1721 Del Paso Blvd. Sacramento Bowl - 915 - 6th Street South Bowl - Fruitridge & Stockton Blvd. Town and Country Bowl - 2032 Fulton Avenue

GOLF COURSES:

William Land Park - Sutterville Road - 9 holes Haggin Oaks - Fulton Avenue - 27 holes Bing Maloney - Freeport Blvd. - 18 holes Del Paso Country Club - Marconi Avenue - 18 holes Northridge Country Club - San Juan Avenue - 18 holes Perkins Golf Center - Jackson Road Sacramento Pitch & Putt - Freeway & Royal Oaks Dr.

SWIMMING POOLS:

Clunie Memorial Pool - Alhambra and F Streets Glenn Hall Pool - Sandburg & Carlson, River Park McClatchy Pool - 35th and 5th Avenue James Mangan Pool - 34th Ave. and Norman Way Southside Park - 6th & U Streets Tahoe Park - 68th and 8th Avenue

RIDING ACADEMIES:

C-Bar-C Ranch - 8207 Oak Avenue, Orangevale Lazy J Ranch - 461 Del Paso Boulevard Park Road Stables - 1360 Park Road Sacramento Riding Club - 3001 Park Road Selby's Riding Stables - Watt Ave. & Fair Oaks Blvd. Barbara Worth Riding Stables - 3400 Del Paso Blvd.

SKATING, ROLLER:

King's Skating Rink - Franklin, Elk Grove Rainbow Roller Rink - State Fair Grounds Senator Roller Drome - 1031 Del Paso Blvd

SKATING, ICE:

Iceland Ice-Skating Rink - 1430 Del Paso Blvd.

BASEBALL: Professional (PCL)

Edmonds Field (Solons) - Riverside Blvd. & Broadway

FOOTBALL:

Hughes Memorial Stadium - Freeport Blvd.

THEATRES:

Eaglet Theatre - 1419 H Street Memorial Auditorium - 15th & J Streets

Z00:

William Land Park - Freeport Blvd.

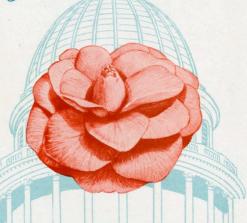


Welcome to

SACRAMENTO

The

Camellia Capital
of the World



American Institute of Electrical Engineers

LADIES ACTIVITIES

MEMORIAL AUDITORIUM —

15th &J Streets— Features hydraulic floor. Seating capacity — 5,000. Convention center and adaptable to sporting events and special shows and circuses.

SACRAMENTO RIVER — Provides excellent fishing for striped bass, salmon, shad catfish, steelhead and others. Fifteen-hundred miles of river are available to boaters in the Delta area.

WILLIAM LAND PARK — Freeport Boulevard & Sutterville Road — City park containing picnic facilities, bridle paths, zoo, fairy tale town, golf course. Beautifully landscaped around picturesque lake.

"ROCKET DEVELOPMENT CENTER
OF THE WORLD"

Both AerojetGeneral Corp.
and Douglas Aircraft Co. have
major rocket development installations here,
making it the
largest testing
center in the
world.



HOTEL SENATOR HEADQUARTERS AUGUST 19th—22nd



MONDAY:

7:00-10:00 p.m.

Registration, Lobby, "Get Acquainted" Gold Room, Hotel Senator



TUESDAY:

8:30-9:45 a.m.

Coffee Hour, (Men invited) Gold Room, Hotel Senator

10:00 a.m.

General Session (Ladies invited) Empire Room, Hotel Senator

1:00-4:30 p.m.

Tour of California Governor's Mansion, Followed by "Tea" at Crocker Art Gallery.

Busses will leave at 1:00 p.m. from Hotel Senator

Cost per ticket-\$1.00

6:00-8:00 p.m.

Wine Tasting Festival (Sampling of large Variety of California wines)

No Charge

Empire Room, Hotel Senator

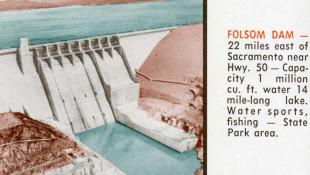


WEDNESDAY:

9:00-10:00 a.m.

Coffee Hour, Room 240, Hotel Senator







CALIFORNIA STATE FAIR & EXPOSITION —

Held annually in

late Summer,

this fair features

the state's migh-

ty agricultural,

industrial and

commercial prod-

ucts. Plans call

for present 281

acre fair area to

relocate in 1960

on 1,000 acre

site.



SQUAW VALLEY

—In the nearby Sierra is the site for the 1960 Winter Olympic Games. Millions of dollars currently are being invested in the valley to prepare for this major international event.

12:30 p.m.

Luncheon, Sacramento Inn. Speaker—Mrs. Joyce Peters, Lady Engineer.

Cost per ticket-\$2.00

8:30 p.m.

"The Most Happy Fella". Music Circus Cost per ticket—\$2.40



11 4 2

THURSDAY:

9:00-10:00 a.m.

Coffee Hour, Room 240, Hotel Senator

12:15 p.m.

Men's Luncheon, (Ladies invited) Mirror Room, Elks Club

Speaker—Dr. William A. Pickering

Subject—"An Electrical Engineer Looks at The Space Age."

Cost per ticket-\$2.00

2:00 p.m.

Ladies' Tour of Tide and Oxydol Plant, Procter and Gamble Company.

Bus Leaves Hotel Senator 2:00 p.m.

Cost per ticket-\$1.00

7:00-12:00 p.m.

Cocktail Party, (two drinks free) and Authentic Hawaiian Luau, Newman Club,

Served by "Hula Girls and Beach Boys" Entertainment during Luau. Dancing

Cost for the evening-\$6.00 per person

FRIDAY:

10:00 a.m.

Brunch, Swimming and Bridge, El Mirador Hotel

Cost per ticket—\$2.00



For additional information on any sports, tours or youth activities, inquire at Information Desk. Room 340 of Hotel Senator will serve as "Hospitality Headquarters" for those who wish to play cards or relax and chat with others.

COMMITTEE CHAIRMEN OF LADIES ACTIVITIES:

Mrs. F. J. Groat—Chairman

Mrs. R. W. Keen-Vice Chairman

Mrs. P. Shaad Mrs. H. C. Purcell Mrs. M. N. Davis Mrs. R. Carter Mrs. C. R. Day Mrs. E. J. Keogh Mrs. G. A. Fleming Mrs. L. D. Haupt Mrs. E. J. Terhaar Mrs. R. Leggett Mrs. E. P. Price Mrs. W. L. Hill Mrs. I. E. Ball Mrs. C. R. Cook Mrs. H. W. Warmoth Mrs. A. C. Norberg Mrs. C. L. Hair Mrs. D. J. Morken

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Mrs. W. H. Jones



