

"BE ON YOUR JOB OR FIGHT" IS WAR EDICT

DEFERMENT RULING FOR BMI WORKERS MEANS JUST THAT

"WORK OR FIGHT"

That in blunt effect is what Uncle Sam told employees of BMI last week. The order came in a Selective Service directive from Washington which granted military deferment to skilled and unskilled maintenance and production workers of all ages in the non-ferrous metals industries.

The deferment order, which affects all BMI employees except certain office and clerical workers; states that "because of the critical labor situation in the non-ferrous" industries:

1- Should any selective service registrant who is employed in such industries be placed in a class available for military service, his file shall immediately be forwarded to State Selective Service headquarters for action.

2- That new employees "regardless of age, qualifications or experience" shall be considered for deferment "immediately upon beginning work."

3- That only those workers who stay on the job for the prescribed work week and the prescribed work day shall qualify for deferment. This bars habitual absentees.

4- Workers who wish to quit must be cleared by both the United States Employment Service and their local draft boards--and if they quit without BOTH THESE clearances they "will be processed for induction." The directive thus recognizes the vital importance of magnesium and other strategic non-ferrous metals to the war effort by granting virtual blanket deferment to workers in industries producing these metals. But in doing so it says plainly that those benefitting by such deferment cannot go AWOL without surrendering the benefit and that anyone who quits without proper clearances will walk into a uniform.

WARM STUFF HERE HOTTER IN BOMBS!



Enormous asbestos mitts must be worn in handling the thousands of hot magnesium ingots produced daily at BMI. They're rough stuff for boxing. This metal will be blazing like the fires of Hades when it's showered from the skies to blast and sear the enemies of civilization. Refinery J-1 is now in full production and more bomb-alloy metal than ever going out. Official OWI photo by Beale.

Basic Bombardier

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MOST MODERN LABORATORY TO BENEFIT METAL WORLD

BMI PERMANENT LABORATORY, most modern extant, and from which magnesium developments important to industry and home throughout the entire world may confidently be anticipated, has been opened.

A scientifically-designed steel-concrete building covering 34,000 square feet of floor space, it is the official housing unit of Technical Service, Supt. H. C. Lee. That service deals with chemical, metallurgical development control and research, sampling, and technical library, a comprehensive field.

Division of Chemistry is the first in operation. One of its functions is to follow chemical control through the many steps in reduction of magnesite to magnesium metal. Analytical chemists perform 45,000 analyses monthly in the main laboratory alone, making full seven-day utilization of the amazing array of delicate instruments and other superb equipment. Other chemists are engaged in re-

search. Upon chemists falls the heavy responsibility of improving present control methods, studying chemical problems of the plant, and probable ones of the future. Dr. A. J. Boyle is Chief of Chemical Control.

First large unit of the Permanent Laboratory, the Metals Division, is supervised by Marshal Farquhar, a precision expert.

Permanent laboratory comprises three large units and, in effect, nineteen distinctive laboratories. It contains 57 rooms, some very large, the library being 40 x 85 feet. Five rooms are connected with spectographic and related work.

Aside from this great new central institution there are six other laboratories on the project--one chlorine and five metal unit controls. The Permanent Laboratory is so extensive that it requires its own electrical substation.

BIG CAUSTIC PLANT STARTS PRODUCTION IN GOOD VOLUME

OPERATION OF the \$1,500,000 Electrolytic Caustic Soda Evaporation Plant is well under way, and it is now producing 50 per cent liquid caustic and recovering salt for use in chlorine production.

The plant consists of two sets of triple-effect evaporators with equipment for the cooling and filtering of the caustic liquid. When completed it will be capable of turning out 280 tons of caustic soda daily in the form of 50 per cent liquid caustic, and 340 tons of pure salt. For this output there will be fed to the evaporators approximately 450,000 gallons of cell liquid from the chlorine cells. About 4000 gallons per minute will be required for cooling purposes.

For the comfort of the operatives the plant is completely air conditioned. It is considered the most modern of its kind. S. W. Stockdale is superintendent, R. S. Lamie, Assistant superintendent, and Fred Saul general foreman.

WELL, FOLKS, HERE YOU ARE! TALENT SHOW BY BMI'S OWN!

A talent show--featured by BMI's own performers--will inaugurate a series of Home Town vaudeville and community singing at the School Auditorium Sunday night, July 11, at 8 o'clock. The event is being staged by the Co-ordinating Council, with Roland Seibert acting as M.C. You better be thar, folks!

THEY DON'T WORK HERE

Two stuttering blacksmiths had finished heating a piece of pig iron, and one placed it on the anvil.

"Ehhhhhhhit it," he stated to his helper.
 "Whhhhhhhhhwhere?" he was asked.
 "Aw, Ehhhhhhhell, we'll hahh to heat it again now."



With the flow of current moving through the circuits in No. 10 Metals unit--the final production building at BMI went into action on June 25. J. Ray Coulter, production superintendent, gives the signal to turn on the switch. He has been present at the opening of every circuit in the plant.

BUDDIES REUNITED



Sgt. Charles E. Paxton, right, Military Instructor of the Plant Guard Force, and Pvt. Loren W. Robinson, his pal, who has been "liquidating" Nips on Guadalcanal.

FIRST JAP HE SHOT on Guadalcanal, sniper picked out of a tall tree with a machine gun, gave Pvt. Loren W. Robinson a chill because he dropped not quite "finished" and squealed like a pig; but after that killing the yellow fiends was plain business without compunction; and our boys quickly found that dead Japs are the only good ones, so they didn't bother to take prisoners.

Three months in the thick of things on the island with the 164th Infantry, an outfit still in the Southwest Pacific, Robinson contracted jungle diseases and was sent home on sick leave. Now he's with the 322nd Military Police Escort Guard, stationed at Camp Williston. He wears the American and Asiatic campaign ribbons.

A few days ago the modest young soldier addressed all shifts of the Plant Guard on his Guadalcanal experiences with the enemy—a highly interesting account—and answered many questions relative to all phases of the situation on Guadalcanal before our bombs, bullets and bayonets cleaned it up.

General Office

DR. MAX MULLER appears mightily pleased with the world these days. Reason is a 5 lb. 12 oz. boy, born in Basic Hospital June 10. No end of congratulations.

VANCOUVER ISLAND was the holiday destination of British-born Frances Hamilton, Dr. Charles' able secretary. We extend our welcome back to Frances.

RUTH LUSCH, our Receptionist, left us with a smile—for two weeks only. Friend husband, Arden, on furlough, left Louisiana at the same time and they met in Denver for a happy vacation.

RECEPTIONIST DESK is being handled by Georgia Ball pending return of our Ruth.

BRAVE LITTLE MARY

OLD-TIMERS around here remember Mary Simon. She is the sunny-haired, smiling child, who has no arms, who wrote a cheery letter to project employees last summer—wrote it with her toes.

Lovely little Mary has been wearing a built-up shoe because one leg is underdeveloped. Now she is under surgical treatment at the Shriners Hospital in San Francisco. A noted surgeon is to operate on Mary's normal leg to halt its growth temporarily. When this is accomplished nature will send growth and strength to the shorter leg—and pretty soon the two will be alike.

Ahead of Mary is a long, difficult siege. Informed of this by the surgeon, Mary, with her indomitable courage said, "I don't care. I'll go through with anything, just so I don't have to wear this old built-up shoe any more."

God Bless you, Mary. Your thousands of friends at BMI send their love!

GABBS

FOLLOWING the splendid success of the Victory Bond distribution at BMI, Las Vegas, a similar plan has been instituted here and tickets are selling. Various offices have also organized Defense Stamp pools. At the first drawing Mr. Russell pulled No. 1 from the hat and Mr. Donohoe was winner. All out for the Good Cause!

RIVALRY among many Victory gardeners in the Townsite, and near-miracles springing from this desert soil—edibles and even full-blown roses. Smooth green lawns are appearing at many homes.

WELCOMING HAND to Dr. John A. Bibb, who has arrived from BMI Hospital to take over the task of administering medical aid to Gabbs Valley.

VISITORS: Mrs. George Hutton and small daughter, Jane, Billings, Mont., guests of her parents, Mr. and Mrs. T. C. Russell... Mr. and Mrs. J. Clayton Walker and son, visited the C. P. Donohoes, Mrs. Walker and Mrs. Donohoe being sisters. Driving from Denver, they brought John Donohoe, who was in school there... John, Jr., U. S. Marine on leave, visiting his parents, Mr. and Mrs. John McDonald of the Hospital staff.

ROMANCING: A wedding soon in Reno will climax the romance of Idamarie Lappatt, Warehouse, and Wallace Meyers, DPC, Las Vegas... Thelma Dakin, Personnel, and Doug Grant, Warehouse, went to Reno to return as Mr. and Mrs. ... Opal Johnson, Time-keeping, is now the bride of J. T. West, former Gabbs guard... Virginia Montgomery, your "Number please" girl, is now Mrs. Frank McCaughey. He's on our guard Force.

TOIYABE American Legion Post members had a happy evening in Davis' Gulch, where the Davis brothers at Wahoo Mine put a welcome sign out to all veterans and guests. Gordon and Lindsay Smith, with Jack Masters, Brady, Moilanen and "Hi-Line" Parker sent out refreshments in quantity and quality. Distressing point was dinner before main event by Henry Alarid and Cliff Kaufman.

Plant Protection

FIRE CHIEF PAUL ZINK recently made a 150-mile trip into Utah for fishing, he being a modern prototype of one Izaak Walton of "Compleat Angler" fame. Not a nibble for Paul, who returned rather disappointed but far from "cured."

ELAINE SCHULTE has been given two showers during the past few weeks by firemen and their wives. Reason? Marriage on Independence Day to a soldier of Las Vegas Gunnery School.

"I DID KNOW two brothers by this name that were twins but did not know one by John", we are informed by a man in another State regarding a prospective employee.

"There was a Jack and the other one was George or Bill—I think the one I knew as Bill was John. Jack helped me once."

CONGRATULATIONS to Elmo Ellsworth, who has an addition to his family as of June 17—a girl, which makes two on the feminine side.

HOSTESS CLUB EXCURSION

Four of the BMI Hostesses hopped on "G. I." trucks for a Saturday afternoon trip to Kingman Air Corps Gunnery School. Week-end feature was a dance that evening for the girls. Music "super" and dancing really "in the groove." On Sunday the Hostesses visited soldiers in the post. They were then taken to Hualapai Mountains for a picnic and more dancing with the gunnery students. Kingman camp hospitality was overwhelming and all the BMI Hostesses had a wonderful time.

ADVANCEMENT FOR TWO

Thomas Warren has been promoted from fireman to assistant operator, Electrical Operations; and Robert E. Grant, industrial engineer to personnel supervisor, Manpower Services.

SEAMAN SUGGESTS BELLYACHER CURE

JAMES LAMKIN, seaman first class, on a carrier and far away the past fourteen months, writes his mother, Mrs. Joe Lamkin, and it's good reading:

"I received your letter with the Basic Bombardier. This paper is swell. Tell the Basic Magnesium bunch I think they are doing a swell job. What they've done the past year is something to be really proud of. I would judge from the Bombardier that everyone employed on this great job is a superman or superwoman, each doing his or her best and not asking for more pay or striking.

"When we out here read or hear about someone striking or bellyaching we would like to put every one of that crowd of gum beaters on a ship and take him out to battle, and when he starts screaming ask him whether he wants this or a job in the States. I'll bet that would cure them and they'd probably go back, produce twice as much as now, and thank God that they could.

"That Hostess Club seems pretty good. I think I'll investigate it when I come back." (Toni Hazzard, club president, says she's sending Jim a Hostess badge, making him an honorary member.)

Purchasing

BIG DOINGS for Stores Accounting at the Last Frontier, Frank Burke and his wife, Elerta May, celebrating their silver wedding anniversary with a party given by members of his department. Large decorated wedding cake hit the spot. Fine exhibition of dancing by Lorne Ray.

BARBARA KNOLE at work after a vacation tearing around the country. Itinerary too long to print. Visited her husband and brother, both in service, and also looked America over. Decided there's no place like Nevada.

AMAZING HOW BMI attracts people from all over the country, as evidenced by four Purchasing newcomers: Mrs. W. J. Kelley, stenographer, from Denver; Mrs. Dorothy Roland, also stenog, Springfield, Mo.; Frank B. Whitney, senior clerk, Hollywood; Henry Cretian, new chief clerk of Stores Accounting, hadn't far to come, being a Las Vegas native.

THREE NEW SECS grace Purchasing office: Ruth Kersteter for Mr. Hamilton, Caroline Freeman for Mr. Sonnenberg, and Doris Corder taking over as Gil Myers' "Gal Friday". Change the spice of life?

Laboratory

SAFE AND SOUND again are Al Ryon, Charlie Harbour and Bill McAlpine, after having bounced around all night on Lake Mead, a dangerous body of water when storms come. Because of severe wind they were forced to land their sailboat on one of the islands, where they were rescued by the rangers. Far from a tame adventure.

HAZEL S. PINGREE was honored with a surprise birthday party at Last Frontier Hotel. Members of the Lab. staff joined in making a happy affair of it.

WILLIAM C. WILSON, shift supervisor, has been spending a two-week vacation with his parents at Eagle Nest, New Mexico.

BEST OF EVERYTHING to Lillian Hagemeyer and Sgt. Robert Hawks, Jr., recently married in Community Church, Boulder City. They live there to be near Camp Williston, where Sgt. Hawks is stationed.

DAVID FREDERICKSON, son of Mrs. Elizabeth Frederickson, Laboratory assistant, and a corporal at Camp Claiborne, La., passed the sharpshooting test with the highest rating among 2000—score 187 out of 200 possible. His outfit completed basic training in record time to be put on the Mississippi River flood control. The sergeant is a former McNeil steel rigger.

NEW USES FOR NEW METAL ON JOB AND ON TIME BEING BROUGHT OUT HERE NEAR YEAR AND HALF



Experimental Foundry crew, above, left to right: Beverly Duncan, Ben Mende, William Danks, Supt. G. L. Lee, Earl Magee, George Moyer, and Pierre LeGrand. Below: Pouring an eight-casting mold of an airplane part, all to be closely checked.



MAGNESIUM'S POTENTIAL postwar uses, to which there are no apparent limitations, are receiving thorough attention here at BMI. In a well-equipped Experimental Foundry placed in operation five months ago, and having the cooperation of full laboratory facilities, development of casting methods and alloys is constantly carried on. Results, though secret, are reported highly satisfactory.

With a view to large-scale production for peacetime needs after the plant's output has served its purpose in literally firing the way to United Nations victory, many different patterns of sand castings are being made of the superior BMI magnesium. These range in size from tiny ornaments to small and large airplane parts, as well as many other forms of mechanical devices, the object being invaluable weight reduction and greater durability of metal. Every step taken in each of the processes is X-rayed for record in further experimentation.

The Experimental Foundry is under Metallurgical Control, Supt. C. H. Mahoney.

WIND GIVES BOND A WHIRL BUT IT RETURNS TO OWNER

Saturday noon. Hundreds of employees streaming out through clockhouse and turnstiles at Administration Building. One with open briefcase is transferring contents. Down swoops a swirling dust blast, snatches a document out of his hands, takes it kiting skyward. No use looking for it—may have flown miles! Al Weinberg's lunch appetite prompts him to duck out of the wind and into the Coffee Shop. On the step a greenish bit of paper flutters and he picks it up—a \$100 Victory Bond! Al tucks it under his pillow until Monday, then hunts up Charles K. Reid, Engineering, the owner. Guess whether Mr. Reid was pleased.

RECEIVES DOUBLE GIFT

J. P. Cunningham, popular assistant master mechanic, was presented with a \$100 Victory Bond and a silver-trimmed western belt just before leaving BMI for Arizona. Mrs. Cunningham accompanied him to the sister State.



MORE THAN AN ORCHID to Ralph Sullivan! This conscientious BMI employee, who doesn't expect even a pat on the back, is Chief Time Checker, C. & A. Division, and for seventeen months he worked ten hours a day, including all holidays and most Sundays. During that long period he was never late, not absent an hour, and not even thinking about sick leave! His good work and faithfulness to duty won him two promotions. There's a record that should be an inspiration to every worker on the project. Something for absentees to think about when they "just don't feel like working today!"

Chief Checker Sullivan has just returned from a vacation in Los Angeles and looks ready and fit for another long run on the job. During spare hours—where does he find them?—he tunes pianos, an exacting profession learned from his father. And he's an accomplished musician and for that he has time, too.

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MORE FIRE PROTECTION

FIRE PREVENTION Engineer Hatfield reports the new Mack fire truck due, and that it will be assigned to the main fire house, and the La France sent to the Townsite station with additional personnel.

BOOTS COME IN PEAT

ODD THINGS may be expected in the peat from Canada, but we'll wager that one of the field workers there would never believe that his knee-high boots, probably misplaced while toiling, showed up the other day in Primary Peat here and were duly reported to Investigation Section.

PUT YOUR CASH IN WAR BONDS AND SAVE IT!

IN LESS THAN FIVE MINUTES ALL EMPLOYEES OF THAT AREA PASS OUT VIA CLOACHOUSE SIX

COMMUNITY MAKES FULL RECREATION PLANS FOR YOUTH

TWENTY-ONE COMMUNITY organizations have joined forces to provide a broad scope recreational program for youth of all ages in Townsite and Trailer Park.

Presidents or representatives of the groups organized a Coordinating Council and will serve simultaneously as Executive Committee of War Services under Civilian Defense.

Specific recreational activities will be administered by each group. Location of ten shaded areas in the Townsite is being undertaken by the Masonic Club for use of tots from 3 to 6 years old.

Other programs scheduled:

AGES 7 TO 11 INCLUSIVE

GIRLS: Making scrap books, Mondays 10 to noon, Jr. Red Cross and Girl Scouts in charge; Gymnasium (tumbling, wrestling, boxing) Monday 9 to noon, Student Council and Henry Bryant.

BOYS AND GIRLS: Arts, crafts, clay modeling, Wednesday, Friday mornings, PTA; Story telling, dramatics, Tuesday Thursday mornings, PTA; supervised playground every day, 9:30 to 11:30 a.m. and 4 to 6 p.m., PTA; Bible school, Wednesday 8:30 to 11 a.m. Community Church.

AGES 12 AND UP

GIRLS: Knitting, Red Cross (time to be announced).

BOYS: Soft Ball League, Veterans of Foreign Wars; Junior deputy sheriffs, American Legion and Deputy Sheriff Hunter; Gymnasium (handball, tumbling, boxing, wrestling) Tuesday and Thursday 9 a.m. to noon, Student Council and Mr. Bryant.

BOYS AND GIRLS: Basketball every afternoon, Mr. Bryant; Volley ball, Monday, 7 to 10 p.m., Christian Science committee; Dance and snack bar Friday 8 to 12 midnight, Legion Auxiliary; Bible School, Wednesday 8:30 to 11 a.m.; First Aid, Friday 9:30 to 11:30 a.m., Red Cross.

A talent show for young and old will be organized by the Toastmasters Club, dates to be announced. Toastmasters have also undertaken to raise \$1000 to finance purchase of equipment.

The Council is urging Clark County Commissioners to appoint a full time juvenile officer to this area. A youth program for the Trailer Park is being arranged.

Cooperating agencies are: Recreation Council, Toastmasters, PTA, American Legion, American Legion Auxiliary, Veterans of Foreign Wars, Jewish Welfare Committee, Girl Scouts, Red Cross, Jr. Red Cross, Boy Scouts, BMI Recreation Department, DPC Housing, Trailer Park committee, Masonic Club, Community Church, Catholic Church, Latter Day Saints, Christian Science committee, Civilian Defense Council, School Board and staff, Sheriff's office.

MORE PROMOTIONS ANNOUNCED

Gilbert Myers, chief clerk Purchasing and Stores, to foreman; Frank L. Burke, stores accountant to storekeeper at DPC; John S. Van der Laan, senior rate clerk to accountant, senior grade; Virgil Talbott, Senior clerk to accountant; Meno Lake, senior clerk to principal clerk; L. D. Cardwell, Instrument repair man to Guard sergeant.

GERMAN BRIDGE

The Nazi leaders were playing contract bridge in Hitler's mountain retreat.

"Three diamonds," said Goering.

"No bid," said Goebbels.

"Five diamonds," said von Ribbentrop.

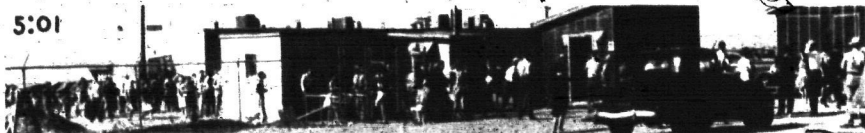
"One club," said Hitler.

"Pass."

"Pass."

"Pass."

5:01



5:02



5:03



5:04



5:05



Workers leave their places at 5, after the buzzer sounds, and these photos, taken in a recent evening, illustrate how quickly they come through the gate. From top to bottom, the pictures were made at 5:01, 5:02, 5:03, 5:04 and 5:05 o'clock, and when the latter was snapped practically all were out and on the way to their homes.



M-E-O-W!
Dinner!

Cats like fish so why shouldn't kitties be fond of catfish in particular? Here Pluffy and Blacky are speculating on their next meal and having fun before dining. Better watch out for those stingers! Newell Cross, who owns the pets and caught the fish, is an amateur photographer when not on the Print Shop job, as this photo shows. Yes, the kittens ate the "cat."

WE'LL STILL BE BEST OFF AMONG ALL WORLD PEOPLES

Every one of us will be nipped sharply in that touchiest spot, the pocketbook, from now on, but we're certainly good for it. Pay-as-you-go is the soundest method ever devised by man for steering smoothly and uprightly through life. Its application to taxation seems logical. The withholding money will probably be missed, especially from the first few pay envelopes, but there'll be no jolt like putting up a lump sum one or more times a year, so the going will be much easier.

Even after paying the higher taxes thus brought about we Americans will give up much less in wartime rates than the British and Canadians; and as a people we'll still be the best off in the world and have more money to spend than ever before. Let's not spend it needlessly but invest it in Victory Bonds! We of BWL are fortunate to live in this free country and it's up to us to help assure that it shall be maintained as such!

MORNING MASS HOURS

Father Peter Moran of St. Peter's Parish announces that henceforth Mass will be conducted in the School Auditorium Sundays at 8, 8:30 and 9 a.m.

WALLETS AND MORE WALLETS COME AND PICK OUT YOURS!

Plant Protection, which handles all lost and found articles on the project, has on hand in Investigation Section twenty wallets and an assortment of keys brought in by finders. Employees missing property of this kind should call and identify their own so that the articles can be returned. It is strange but true that the finders appear more concerned than the losers, the latter frequently reporting and then failing to return.

WOMEN CONSCIENTIOUS WORKERS

IN NATION'S DEFENSE PLANTS

Women employees in defense plants have proved themselves capable and conscientious workers, prompt as a general rule and less addicted to absenteeism than men. This is the conclusion drawn from reports by such industries throughout the nation. The president of one large organization sums it up thus under his own observation: "I can tell you that so far as our plant is concerned the net result of employing women has been that of stepping up the morale of the entire force."

YOU WILL NEED THE MONEY AFTER THE WAR
AND UNCLE SAM NEEDS IT NOW--BUY BONDS