

Nuclear Plant in Morrow County Predicted 'Ten Years Away'

(Also see page 4, section 2)
A thermal nuclear power plant, with its warm effluent water being used for irrigation, is "at least 10 years away for Morrow county," in the words of H. H. Miller, Jr., of Vitro Corporation of America, who was one of the principal speakers at a three hour meeting of county leaders and interested visitors last Thursday to consider the nuclear plant possibilities here.
But enthusiasm was high that at least one such plant will eventually be located in the northern part of the county, and it was proposed that a similar plant be located in Umatilla county, each costing a minimum of \$225 million.
The meeting was called at the suggestion of Don McKinnis, development specialist, Agricultural

Development Division, State Department of Agriculture.
Attending were members of the county court, Morrow Port Commission, Soil Conservation Service, and other local leaders. The visitors included Miller and J. Leon Potter of the Vitro Corporation; Marvin N. Shearer of the OSU Extension Service; Carl J. Remmel of the State Engineer's office, Salem; Edwin A. Ross, Soil Conservation Service engineer, Bend; Quentin Bowman, field representative of the State Water Resources Board; Rupert Kennedy, executive secretary of the Mid-Columbia Planning Council, The Dalles; and McKinnis.
Another Willamette Valley
"This could become literally another Willamette Valley, but under irrigation," Miller told the group in the meeting at the

courthouse, and later added, "This area has a potential to develop much more than the Tri-Cities area."
He told of a pilot demonstration underway at Eugene where the use of warm water in irrigation is being tried with six farms involved. The water is pumped from a Weyerhaeuser plant in the area. The Eugene Water and Electric Board, as sponsor, is taking the lead in this effort, and the Vitro Corporation has been engaged to prepare preliminary design and feasibility study for the multiple use of this water.
Different types of application of the water are being used on the project. Each of the farmers involved operates his farm in a normal manner, and the project is programmed for a minimum of three years. There

is no cost to the farmer, since the project is supported by private industry, and application will be made to the federal government for assistance later. In developing this project, full utilization of water is the matter under consideration.
Miller suggested that those interested in using warm water from nuclear plants for irrigation "go down and see for yourself so you can understand what we are trying to do."
Irrigable Acreage Large
The speaker said that a little over one million acres is available for irrigation on the southside of the Columbia in this area. One nuclear plant could be located near Boardman and another could be in Umatilla county. Each could irrigate approximately 150,000 acres. "What do you do on off sea-

sons? Develop the reservoirs in to recreational projects. Develop the grounds and homes around them," he said.
Water could come from two river pools—the Umatilla and McNary reservoirs on the Columbia.
"We have ten years to plan our destiny in the Pacific Northwest. Can we plan our water? Can we utilize it? One year has already gone by. We have nine years left."
He pointed out how Colorado, where he formerly lived, now has no water.
"This can happen here if we don't plan to use our water," he declared.
In planning for such projects here, the area needs to design for a total program, including the two power reactors, agriculture, fisheries, industry, recrea-

tion, manufacturing and housing, he said.
Discussing the use of cooling towers for the reactors where the water is not considered for irrigation, Miller said that in the early days, particularly in England, fogging was a problem, but he felt that later cooling towers will not experience such a problem.
Coastal 'Graveyard' Visioned
However, he said that with the rise of these towers, extending some 400 feet high, the whole coastal area would eventually look like a giant graveyard.
Another problem from the cooling towers would be the growth of fungus that would thrive under certain heating conditions.
Miller pointed out that water from the plants, rather than re-

sorting to the cooler towers, can be used in agriculture and can be used to develop the state of Oregon.
Shearer said that "there probably are a lot of problems (in connection with using nuclear plant water for irrigation), but many of them are imaginary."
"The demonstration project at Eugene will show that if these problems are real, we will be able to see them," he added.
"A problem that tends to kill us on irrigation projects is the continuing pumping cost," Shearer continued. "If this is shared, as would be the case with a nuclear plant, it would put us in a much more favorable position."
Potter emphasized the multi-use of water.
"No longer can we afford to (Continued on page 8)

Construction Slated On \$2,210,000 PGT Unit at Ione

Pacific Gas Transmission Company is scheduled to start work March 15 on the second turbine-driven unit at Ione Compressor Station, Central Area Superintendent C. W. (Chet) Bond told The Gazette-Times this week.
Enlargement of the pipeline pumping station is estimated to cost \$2,210,000, Bond said.
Construction of the second compressor unit at Ione (PGT Station 10) is part of Pacific Gas Transmission's \$23 million construction package this year, all in compressor horsepower, Bond said. PGT will require no new main line pipe.
Nine new compressor units in northern Idaho, eastern Washington and eastern Oregon—including the Ione unit and others in Sherman, Deschutes and Klamath Counties—will increase PGT's delivery of gas at the California border from the present 700 million to 815 million cubic feet a day by the end of 1969.
Jet Power Slated
The prime mover for the new compressor unit at Ione will be an aircraft-type jet, adapted for land use.
Ingersoll-Rand Company, the principal contractor, will provide the centrifugal compressor and a 12,500-horsepower General Electric jet to spin it. The first unit at Ione Station also has a centrifugal compressor, but the turbine used to drive it is of the larger industrial type, and delivers 9,100 horsepower.
Natural gas from the pipeline will fuel the jet turbine.
Like the original unit built in 1967, the new compressor unit will be started, stopped and regulated by pushbutton from Pacific Gas Transmission Company's Operating Headquarters in Spokane. The station will remain unattended. A PGT crew based at Wallula, Wash., will continue to maintain it.
Pipe Contract Awarded
PGT has awarded a contract to the CEME Corporation of La Mirada, Calif., to prepare the yard piping needed to connect the new compressor to the existing unit and to the pipeline.
Richard L. Fetter, of PGT's Engineering and Construction Department in San Francisco, will be Resident Engineer at Ione Station during construction.
A recently-added item to construction plans at Ione, according to Area Superintendent Bond, is a gas aftercooler. Com-

pressing, or boosting the pressure of the gas, warms it. The cooler will be installed at Ione Station to reduce the temperature of the gas following compression. This will help the efficiency of compressor units downstream from Ione, including the new Station 10 being built near Kent, Sherman County, and the existing Station 11 near Madras.
'Operation Eggdrop' Set to Simulate Moon Soft Landings
"Operation Eggdrop" will be undertaken by members of the Heppner eighth grade science classes at the Lexington airport on Friday, March 14, at 1 p.m., Mrs. Dick (Inez) Meador, teacher, states.
The activity is to simulate soft landings of space capsules on other planets and the moon.
Each member of the class will package a fresh egg in a container no larger than a woman's shoe box and use materials in his payload to keep the egg from breaking when dropped from Jack Sumner's airplane, she states.
The pupils may use any type of material, but cannot use parachutes since this would not be feasible on the moon due to lack of atmosphere.
"We would accept entries from the Chamber of Commerce, from parents, or from other interested groups," Mrs. Meador said. However, the entries must comply with instructions, and they must be submitted, with detailed logs explaining the method of packaging, before noon on Friday, March 14.
Spectators are welcome, and the results will be compiled. "This could be a smashing success," Mrs. Meador declares.

Moisture Declines

Complete weather report by Don Gilliam, official observer, for the week of February 26-March 4 is as follows:
Hi Low Prec
Wednesday 40 22 —
Thursday 43 26 —
Friday 44 30 —
Saturday 45 33 —
Sunday 48 31 —
Monday 43 33 .09
Tuesday 48 31 —
February precipitation total: .75 inch. Normal: 1.16 inches. Month .41 inch below normal.

Belgian Tour Director Enjoys 'Turn-about' Visit

It was turn-about when Max Paternotte of Ghent, Belgium, arrived for a visit in Morrow county.
As a guide for European tours and the man who accompanied 29 on a People-to-People tour through seven countries, including Russia, last summer, he enjoys showing people sights they have never seen before.
But now—as a guest of those he escorted last summer—he was seeing country that he had never seen before, and it was his turn to be impressed. The 29, who included Mr. and Mrs. Dick Krebs and Mr. and Mrs. Dick Wilkinson of Morrow county, arranged the visit to this country, together with two other groups, and he was a guest of honor at a "reunion" dinner of last summer's tourists at

McCall Reappoints Sweeney to Board

Governor Tom McCall has reappointed Jerry Sweeney, Heppner mortician, as a member of the State Board of Funeral Directors and Embalmers, the Governor's office reported last Wednesday.
Sweeney, 45, began a second two-year term starting March 1. He is currently president of the board. Sweeney, president of the Heppner-Morrow county Chamber of Commerce this year and a Heppner city councilman, has been a licensed embalmer and funeral director for more than 18 years.
"It is a pleasure for me to reappoint you as a member of the State Board of Funeral Directors and Embalmers," the governor said. "I hope you will be able to continue your fine work as a member of this board."

Power Outage Expected Sunday

Power users in the Heppner area, as well as those throughout Morrow and adjoining counties are advised to expect intermittent and interrupted service between the hours of 5 a.m. and 9 a.m. on Sunday, March 9.
Harley Young, manager of Columbia Basin Electric Cooperative, has issued notice that service may be interrupted during the four hour period because of construction work at the Sandhollow substation. Power users should plan accordingly.
The early Sunday time was chosen to do the necessary work with a minimum of inconvenience to power users.
Cooperation and understanding of the public will be appreciated during the period, he said, giving the utility a chance to make the improvements to the system.

Committee Backs Mann's Water Act

The House of Representatives' planning and development committee Tuesday unanimously approved the Water Bank act, which is sponsored by Rep. Irvin Mann of Stanfield.
The act would provide for the establishment of irrigation districts and permit use of the credit of the state in irrigation developments. There is a potential of \$360,000,000 in such credit at the present time, Rep. Mann said, and this can increase as rapidly as true cash value of the state increases.
In providing for use of state credit, the act is patterned after the state veterans' act.
Rep. Mann said that he believes the act will be on the floor of the House and be voted on this week.

86th Year
THE GAZETTE-TIMES
Heppner, Oregon 97836, Thursday, March 6, 1969
Price 10 Cents

Mustang Cagers Prepare for District Tournament



HEADING FOR THE DISTRICT basketball tournament for the fifth straight year are the Heppner High Mustangs. On this year's varsity are (from left) Dallas Harsain, manager, Jerry Healy, Mike Smith, Melvin Ashbeck, Lee Huson, LaVerne VanMarter, Gary Kemp, Calvin Ashbeck, Pat Killenny, Jon O'Donnell, John McCabe, Larry Pettyjohn, Coach Bob Clough, and (unable to be present for the picture) Pat Sweeney. (HHS Photo).

Coach Rates Teams in District Meet As 'About Tossup'

Coach Bob Clough rates the four teams in the A-2 district tournament at La Grande Friday and Saturday as "about a tossup," as he expressed it in a talk at Chamber of Commerce Monday. The coach with Larry Pettyjohn and Cal Ashbeck, two of the senior players, were guests at the meeting.
Coach Ed Hiemstra has scouted Vale, he said, and found them "about our size, but fast and aggressive."
The coach said that at the beginning of the season he was apprehensive about the year's prospects, since some top players were lost by graduation. However, the team defeated John Day in the opener and the season progressed well, until the Mustangs hit a "flat spot" two weeks ago against Sherman and Wahtonka.
"They learned a good lesson," the coach said. After working at full scrimmage sessions throughout the ensuing week they came back and defeated Pilot Rock.
"They played as good a game against Pilot Rock as I've seen them play," the coach declared.
Dick Carpenter, school principal, introduced Coach Clough, saying, "The school is proud of their teams, going to the district tournament for the fifth straight year."
Since two of the last four teams have gone to the state tournament, the coach is under considerable pressure, Carpenter remarked.
"But he has made a tremendous record. We're proud of Bob's record."
When the pep band goes to the tournament, the members will be wearing new gold coats, obtained through Gardner's Men's Wear at a figure near cost by courtesy of the owners, Mr. and Mrs. LeRoy Gardner.

game of the opening round will pit Weston, fourth place finisher in the north, against Prairie City, south champion.
Injuries have beset the Cardinals going into the tournament, but Coach Dockter was hoping that some of the kinks would be straightened out before the opening whistle.
Bob Ball, sparkplug for the Cards, sprained his ankle in the Echo game Saturday night and has been spending time in the whirlpool bath this week. Eddie Sherman's leg was re-injured Friday night in the Umatilla game. He is wearing a brace on the limb, upon which he had an operation about a year ago. He is able to run but has no strength in the leg when he attempts to move laterally, his coach said. Frank Halvorsen, high scorer for the Cards, pulled an Achilles tendon, and so he, too, is a little less than full strength.
If Ione wins in the first round it will play in the second round Saturday night.
The Card caravan, complete with team, pep band, student spectators and supporters, were due to move out of Ione, southbound, at 9 a.m. Thursday for the Grant County town.

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Vale to Offer Opening Test At 7:30 Friday

Friday night, March 7—Heppner vs. Vale, 7:30; Grant Union vs. Wahtonka, 9:15.
Saturday night, March 8—consolation game, 7:30; championship game, 9:15.

(Also See Page 4)
Final Standings GREATER OREGON LEAGUE

Western Division	
Wahtonka	7 1
Heppner	6 3
Pilot Rock	4 4
Sherman	2 7
Madras	1 7

Eastern Division	
Vale	7 1
Grant Union	6 2
Burns	5 3
Nyssa	2 6
Enterprise	0 8

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CD Shelter Committee Adopts Emergency Plan

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It is a modified version of the "peak-peak" plan, one of two proposed by Civil Defense officials, who recognize that Morrow is a "deficit county" in the number of shelters it offers. In other words, it does not have adequate shelters to provide for its population.
As explained by Ed Watson, state community shelter officer, Bureau of Governmental Research, University of Oregon, the "peak-peak" plan figures the total population at its peak, including transients and tourists.
In view of the fact that the county is short on shelters, much of its population would be required to travel to the John Day or McNary dams where space would be reserved for them. Others would seek shelter in approved grain elevators, Heppner High school, Riverside

USFS Takes Option

The United States Department of Agriculture, Forest Service, has acquired an option to purchase the 655-acre Kelly Prairie Tract from Mr. O. W. Cutsforth. The Kelly Prairie Tract is located within the Umatilla National Forest approximately 25 miles southeast of Heppner, according to a report from headquarters of the Umatilla National Forest in Pendleton. A proposed lake and recreation development is planned for the site.
This development is another cooperative venture, whereby the Oregon State Game Commission will construct and maintain the dam and stock the lake with fish, while the Forest Service provides the land and will construct and maintain the recreational development adjacent to the lake.
The plans call for the core drilling by the Oregon State Game Commission at the dam site and the survey work to be completed during the summer of 1969, with the construction starting the summer of 1970. It is estimated the size of the lake will be in excess of 200 acres.
Land and Water Conservation funds will be used to purchase the tract.

Kelly Prairie Work Start Set for 1970

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Finals Due Sunday On UN Contest

Karla Weatherford, Heppner High school junior, will compete Sunday, March 9, at the district United Nations speech contest in Pendleton at the IOOF hall, starting at 2 p.m., Jack Sumner, contest chairman, states.
Miss Weatherford will be one of nine contestants from four counties competing for a trip to the United Nations Assembly in New York during the coming summer. The event is sponsored by the Odd Fellows lodges.
Also from Morrow county will be a contestant from Riverside High school. Five others come from Umatilla county, and one each is entered from Union and Wallowa counties.
Theme of this year's contest is, "The United Nations, Past, Present, and Future." Three high school speech teachers from non-competing schools will be judges.
Sumner will preside as chairman of the contest.
A special invitation is extended to high school freshmen and sophomores so that they may plan for participation as juniors. Adults are urged to attend to support the students and to promote world peace by this means.

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