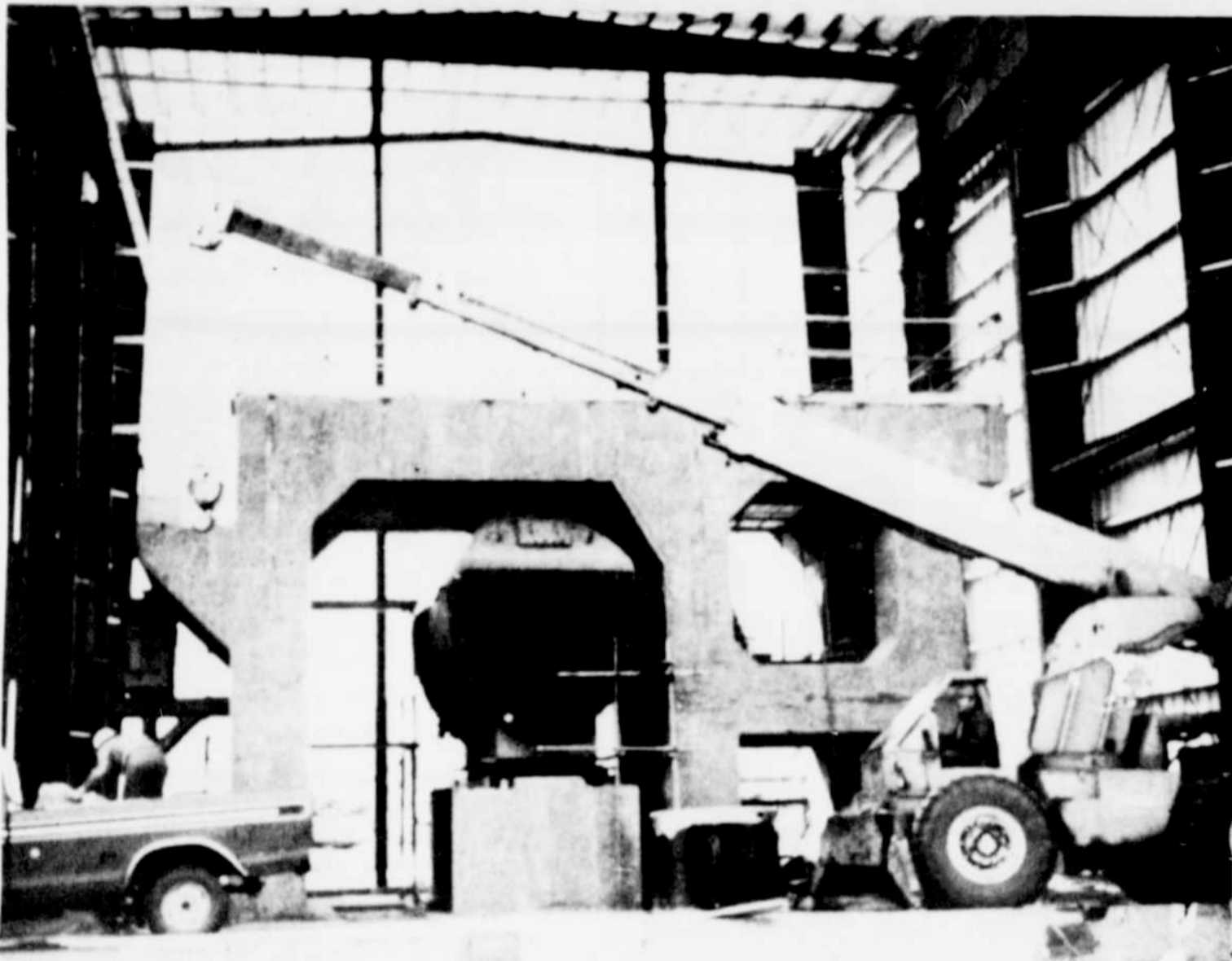


Kinzua co-generation plant will convert 'slash' to energy



The condenser (center) must be on a cement foundation for stability. This building will also house the turbine for the co-generation plant.

Kinzua Corporation in Heppner, Oregon will start a program unique to Oregon and maybe unique to an even larger area. Kinzua is building a 10-megawatt generator that will come on line by the end of this year. It is unique because the electrical turbines will be powered by slash from the forest floor reports the Oregon Forest Industries Council.

Kinzua will gather slash from its company forest lands near Heppner, chip the logging debris in the forest and then transport the chips by truck to the energy facility on the Kinzua plant site.

The chips will be burned in a hogfuel boiler creating steam that will be run through a turbine creating electricity. The 10-megawatts of electricity will be sold directly to Portland General Electric twenty-four hours a day. That's enough electricity to power 3,000-4,000 all-electric homes continued the council's report.

Kinzua is able to utilize its slash because of the topography of its lands. Unlike the steep, rugged hillsides of western Oregon that have to be logged with cable systems, eastern Oregon provides more level lands that can be logged by rubber-tired skidders and bulldozers, making slash collection possible.

The Kinzua plant should be watched as an important venture for Eastern Oregon. It provides a source of untapped energy, reduces the amount of debris in the forest, opens lands to deer and elk that the mechanical barriers of deep slash closed and may even provide a profit.

Slash burning appears to be rising into the air again as an issue for the forest industry. Headlines recently told the story that the U.S. Environmental Protection Agency is spending \$350,000 to study regional haze in certain top-priority wilderness air-

sheds within Oregon, Idaho and Washington. Wilderness areas are classified as Class 1 airsheds that are protected for visibility.

Congress just completed work on Oregon's wilderness bill nearly doubling the amount of wilderness land in Oregon. There are now over 2 million acres of wilderness in Oregon and the parcels of wilderness are now distributed all over Oregon, thus putting more pressure on the forest industry's vital tool: slash burning.

John E. Core, heading up the haze study in Oregon is with the Oregon Department of Environmental Quality. Core was quoted in the Oregonian as saying, "If we're going to try to clean up the problem, we need to know what it is and where it comes from." Smoke from forest slash will most likely be identified as part of the haze problem in wilderness areas.

The forest industry thinks it is important to answer one more question and that's "why" the problem is there. Burning slash is certainly not done for the fun of it. It is an essential tool needed to get a new stand of trees growing on the land. Without controlled burning growing trees would be like planting a garden without rototilling the soil; just planting seedlings amidst the grasses, weeds and debris left from last year's garden. Seedling survival would be very low, it would be difficult to find a place to plant the vegetable seedlings and the weeds would probably force out a high percentage of seedlings that did manage to survive.

Alternatives to burning are often suggested. For example, in a small grocery store in the coast range there was a home-written petition calling for a ban on slash burning. There were about 20 names on the list. The petition stated that loggers should pile the debris left from logging and let firewood cutters remove it.

If the forest industry could take those 20 people out on an actual site and let them look at our problem and explain why we burn the slash they would understand the problem and may well agree that slash burning is a necessary tool said the council's report.

First, slash is the debris left from logging operations. It consists of broken and rotten wood, tree limbs and tops. Also included in the definition of slash is the layer of "duff" which is composed of years of accumulation of organic materials such as needles and decayed wood. Brush species growing on the site are part of the slash problem as well.

There are two major reasons for burning slash: (1) to reduce the hazard from wildfire and (2) to prepare the site for reforestation.

Anytime there is a large amount of combustible materials on the ground and the adjacent landowners and the Oregon Department of Forestry becomes concerned. Oregon law requires the landowner to reduce the hazard because it is a

threat to neighboring landowners. Foresters usually opt for burning the slash under controlled conditions to reduce the hazard because burning meets their reforestation needs, but there are other options. Other fire prevention techniques will satisfy the legal requirement, such as preparing a protective fireline around the perimeter of the area, laying out hoses on the site and other fire prevention techniques.

But to the forester the other options aren't acceptable said the council report, because the forester is in charge of growing trees and the slash is an obstacle to a new plantation. The forester needs to move the debris so that tree planters can find enough individual sites in which to plant trees. The burn has to be carefully done to also remove most of the layer of organic duff, which varies from a few inches to a few feet deep. Young trees must have mineral soil to grow in, not duff.

Now, why not let firewood cutters come in and remove the debris. First of all, the council's report says firewood cutters simply won't re-

Attorney General warns

Phone promotion not MDA authorized

Attorney General Dave Frohnmayer recently alerted Oregon businesses to a statewide telephone promotion which sells pens and uses the name of a charitable organization as one of the attractions to buy.

Frohnmayer said his Financial Fraud office has received reports that the pens are being sold over the telephone by an organization using the name American Advertising Association of Hollywood, California. The organization promises

prizes and claims that a certain percentage of the sale proceeds will go to the Muscular Dystrophy Association.

Muscular Dystrophy Association officials in both the Seattle regional office and the district offices in Portland and Eugene said they have not contracted with any business selling pens and have not authorized anyone to use the MDA name in selling the items concluded the Attorney General's office.

D.A.'s Report

The Morrow County District Attorney's Office at the Morrow County Courthouse in Heppner reported handling the following business during the past week:

Raymond Mills, Lexington, was sentenced to two years in the Oregon Corrections Division on a charge of Theft I. The sentence was suspended and Mills was placed on two years probation with the conditions that he serve 30 days in jail, pay restitution of \$660.79 to the victim and undergo alcohol abuse treatment, pay a victim-witness fee, reimburse the state for \$100 in court appointed attorneys fees.

Robert Knox, 23, Ione plead guilty to three counts of Burglary I. His sentence was suspended on the conditions that he complete five years probation with the following conditions: 1) serve 30 days in jail with credit given for time already served, 2) make restitution to seven separate victims in the total amount of \$4,202.38, 3) agree that his personal residence, vehicle, and personal property may be searched by his parole officer at any reasonable time, 4) abstain totally from consuming alcohol, 5) abide by the general terms of probation, and 6) pay \$240 for court appointed attorney fees, victim assistance fee, with all money to be paid to the Circuit Court Clerk in Heppner and he will be jointly and severally liable with the co-defendants to the victims.

Edward Roy McNabb plead guilty to two counts of Burglary I. He was sentenced to two years in the Oregon State Corrections Institution which time is suspended on the condition that he complete probation as set by the Umatilla County Circuit Court on a similar charge and that he make restitution to all victims and pay a victim-witness fee of \$40.

PUBLIC NOTICES

The Morrow County Planning Commission will hold a public hearing on Monday, August 20, 1984, at 7:30 p.m. at the Irrigon City Hall. A Public Hearing will be held on the following:

Revocation hearing on the Don Jorgensen Trucking Operation Conditional Use Permit, Irrigon, Oregon.

Interested persons are invited to the hearing to express their views. Written, signed statements will be considered. Reasons for approval or disapproval should be included in written or oral statements.

Gene Trumbull, Chairman
Morrow County Planning Commission

Published: August 9, 16, 1984



The largest member of the deer family is the moose. It's larger than any deer that lived in the past, too.

INTRODUCING

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<p>The new KODACOLOR VR 1000 Film is the most light-sensitive Kodacolor film ever. Provides very fine grain and good color rendition.</p> <p>ISO 1000</p>	<p>The new KODACOLOR VR 400 Film offers improved quality, and lets you select faster shutter speeds to stop action, or smaller apertures to extend depth of field.</p> <p>ISO 400</p>	<p>The new KODACOLOR VR 200 Film, ISO 200 delivers high sharpness and rich color in a wide range of general lighting conditions.</p>
<p>CF135-12 CF135-24</p> <p>Reg. \$4.03 \$5.00</p> <p>SALE \$3.63 \$4.93</p>	<p>CM135-12 CM135-24 CM135-36</p> <p>Reg. \$3.33 \$4.00 \$5.05</p> <p>SALE \$3.18 \$4.32 \$5.45</p>	<p>KODACOLOR VR 200 Film</p> <p>CL135-12 CL135-24</p> <p>Reg. \$3.03 \$4.28</p> <p>SALE \$2.73 \$3.85</p>

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