

Best girls' track times for Oakland county

Area girls' track coaches are reminded to contact Detroit County Day's George Prosperi between 7 and 10 p.m., Monday through Friday, at 481-1911 with their best times and distances this season. The Observer

Oakland county boys' track times

Area boys' track coaches are reminded to contact Birmingham Brother Rice's Bob Stark every Sunday night at 646-1019 with your best times and distances this season. The Observer

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Basics of nuclear power shown

Although it's one of the most awesome structures in the world, a nuclear powerplant generates electricity in the same way as plants powered by fossil fuels such as coal. Heated water becomes steam; steam drives a turbine that spins a generator, a generator produces electricity. But unlike its fossil fuel counterpart, the heat source for a nuclear plant is the tremendous energy released from the fission, or splitting, of the nuclei of fissionable materials, principally Uranium 235 points out a major article on nuclear energy in the April National Geographic.

ONCE OPERATIONS begin in a typical pressurized water reactor — such as the controversial Three Mile Island nuclear power plant near Middletown, Pa. — the reactor's core rods are immersed in water. Thousands of tons of water circulate under high pressure to carry away the heat. Any interference with this flow is, as the past few weeks have shown, potentially dangerous.

Even after the plant is shut down, radioactive decay from fission products in the fuel rods continues to produce substantial heat. Consequently, cooling water is still needed. In a pressurized water reactor — the most common in the United States today — energy from the chain reaction of fissioning uranium in the reactor core (1) heats the surrounding water, which is pumped under pressure into the tubes of a steam generator (2) to heat the water already in the generator. Heat from the tubes converts water in the generator to steam, whose ener-

gy turns the rotors of a high-pressure turbine (3). Lower-energy steam proceeds to low-pressure turbines (4, 5). An electric generator (6) converts the energy from the whirling turbine shaft into power for transmission to consumers through high-voltage lines (7). Depletion of steam from the turbines passes over the cooling coils of a condenser (8) and is converted to water, which returns to the steam generator. Water from the reactor's condenser coils is cooled by evaporation in an adjacent tower — only the base is shown (9) — and returned to the condenser for repeated use. Small amounts of river water (10) are piped to the condenser coils to replenish water lost by evaporation in the cooling tower. BUT THE HEART OF A nuclear

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Hawks top Western

Farmington Harrison's Barry Leshman won the No. 1 singles match with a 6-3, 6-3 showing over Doug Poland to help the Hawks win Walled Lake Western, 5-2, in Western Six League tennis last Monday. Harrison is 4-2 overall and 4-0 in the WSL. Harrison's No. 1 doubles team of Mark Diekmann and Al Laforest lost a three-setter to Mike Draheim and Mike Bryant, 2-6, 7-5, 7-5. Western's Joe Campagna needed three sets to stop Dave Hawthorne, 4-6, 6-3, 6-2, in the No. 3 singles contest. Earlier, Harrison defeated Livonia Churchill, 6-1, in another Western Six meet. In the No. 3 doubles match, Harrison's Andre Berk and Narendra Bhagat downed John Panzo and Pete

Livonia Mall Camper Show

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FARMINGTON PUBLIC SCHOOL DISTRICT OAKLAND COUNTY, MICHIGAN NOTICE OF LAST DAY OF REGISTRATION

An Annual Election will be held in Farmington Public School District on the 11th day of June, 1979. THEREFORE, NOTICE IS HEREBY GIVEN, that the last day upon which unregistered persons may register in order to be able to vote at said election is Monday, May 14, 1979 up to 5:00 P.M., Eastern Daylight Saving Time. Application for registration should be made to the clerk of the city or township in which the elector resides. Registration will be received during regular office hours Monday through Friday of each week. Farmington City residents may register at City Hall, 2360 Liberty Street. Farmington Hills residents may register at the Farmington Hills City Hall, 31555 Eleven Mile Road. West Bloomfield Township residents may register at the West Bloomfield Township Hall, 4400 Orchard Lake Road. Persons already registered upon the registration books of such city or township need not re-register. Absentee ballots will be available at the Board of Education Offices, 32500 Shawwa-see, until 2:00 P.M., Saturday, June 9, 1979. EMMA MAKINEN Secretary of the Board of Education

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NOTICE TO ELECTORS AND TAXPAYERS OF THE CITY OF FARMINGTON OF INTENT TO ISSUE BONDS SECURED BY THE CITY'S TAXING POWER AND RIGHT OF REFUND

PLEASE TAKE NOTICE that the City Council of the City of Farmington intends to authorize the issuance and sale of Special Assessment Bonds of the City, in the principal amount of not to exceed One Hundred Two Thousand Dollars (\$102,000), for the purpose of paying the special assessment district's share of the cost of local public improvements in the City.

SOURCE OF PAYMENT OF SPECIAL ASSESSMENT BONDS

THE PRINCIPAL AND INTEREST OF SAID SPECIAL ASSESSMENT BONDS shall be payable primarily from collections of an equal amount of special assessments and the bonds shall also pledge the full faith and credit of the City of Farmington.

In case of the insufficiency of said special assessments the principal and interest on said bonds shall be payable from the general funds of the City or any other resources available for payment.

BOND TERMS

Said bonds will be payable in not to exceed 10 annual installments and will be offered for sale at a maximum interest rate of eight percent (8%) per annum, which rate or rates of interest shall be paid on the principal of the bonds as may from time to time remain outstanding.

RIGHT OF REFUND

THE SPECIAL ASSESSMENT BONDS will be issued without vote of the electors unless a petition signed by not less than 10% of the registered electors of the City is filed with the City Clerk (45) days after the date of publication of this Notice by depositing same in the office of the City Clerk. If such a petition is filed, the bonds may not be issued unless approved by a majority vote of the electors of the City voting on the question of their issuance.

THIS NOTICE is given pursuant to the requirements of Section 561 of Act 279, Public Acts of Michigan, 1909, as amended.

Additional Information may be obtained from the offices of the City Clerk.

NEDRA VIANE, City Clerk

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thru May 31, 1979

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