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NORTHERN NEIGHBORS

OCTOBER
1981
NO. 277
75c

Peace — Work — Freedom — Equality — Friendship — Health & Happiness for all Peoples!



More Soviet youth than ever are succeeding in politics. Irina Afonina, still a student, was first elected to a district City Soviet (Council) when only 18. Now 20, married, studying hard, an ardent swimmer, she devotes a lot of time to voters in her district, besides meetings of the Council. "I like this job," she says. "I learn a lot from people who elected me."

Want More TV Sex?

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Soviet Eskimos Here

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They Baby-Sit For 16 Million Youngsters

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Hold On To Your Hair

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Reagan's Real Enemies

PAGE 4

Send Greetings and Gifts and save yourself money Pages 17-18-27

NORTHERN NEIGHBORS

The Magazine of Socialism in Action

GRAVENHURST — ONTARIO — CANADA

Canada's authoritative, independent magazine, reporting the U.S.S.R. This is our 31st year publishing reliable, exclusive news of Soviet developments. "NN" has the International Standard Serials Number CN ISSN 0029-3199, and is available in micro-form from Microfilms International.

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I HAD A VISITOR FROM THE UNKNOWN!

No Canadians have to be told what it was like in our country with the mails completely shut down for many weeks.

As for what it did to NN and the Book House, try to imagine that you own a Department Store. Suddenly one day the doors are all padlocked. Not one customer can get in. And you can't get anything out to them.

All your ordinary expenses keep on piling up. But you're not taking in one cent to meet your costs.

One day we were really in a bad way. And then a friend drove up. He quietly told me that he realized what must be happening.

"I've come to help," he said.

And he gave me help in the form of One Thousand Dollars.

Knowing how modest he is, I asked what name he'd like to have on NN's receipt. He smiled and said: "Write 'Donor Unknown'."

Well, dear Unknown Friend, when you read this you will know that all NN Readers and all Book House customers have met you now. If they could line up to shake your hand, you'd be thanked personally for days on end!

Readers, will you do something for me?

Next time you write me, or send in a Sub or an Order, please add a line to greet and thank Friend Unknown.

And don't forget his wife, Mrs. Unknown. She's a Donor also.

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Christmas in Moscow and Leningrad, New Year's Eve in Siberia!

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You'll leave Montreal Christmas Eve, and return from Siberia January 7. Yes, the 7 days are to give you time enough to take walks in the brisk winter air, after those parties!

But no big financial headache. Somehow, the Harmony Travel people have put this one together for close to \$1500. Includes air-fares everywhere and back.

Seems they've got no inflation?

If you are interested write NN immediately.

HOPE YOU LIKE WHAT'S COMING AT YOU

No special effort, but it just worked out this way . . . this NN has a lot for you to talk about. Subjects ranging from sex shows to Reagan Trouble, from mass baby-sitting to the hair you've lost. And half-a-dozen reports on aspects of Soviet progress which you won't see in the media here maybe for years.

"Soviet people know that our Party's motto is 'All for the good of Soviet man'. They know this, and wholeheartedly support the Party's policies. But we also know that nothing comes easily. Any improvement in the standard of living can be achieved only by hard work on the part of the Soviet people themselves. Mature Socialism provides the broadest opportunities imaginable for unfolding the abilities of every citizen. The thing is to use these opportunities. There is nothing that free and conscious work for oneself, and for one's society, cannot accomplish." Leonid Brezhnev.

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You'd be surprised to find how many intelligent people "react" well to NN if they see it. We'll mail them copies if you'll send us their names. But, if you prefer, our "Four People Plan" still works. Send us four names-and-addresses, plus Two Dollars, and we'll send those people NN not just once, but three times, three issues.



Movies need sex, violence, crime?

In USA, France, West Germany and Japan, where movies today feature every kind of "adults only" excesses, on an average each inhabitant goes to shows 3 times each year. In USSR, where all such movies are *banned*, every inhabitant sees 16 shows per year.

Soviet studios make about 150 full-length movies yearly. Some 40 of them draw audiences of "only" 5 million. Most popular films will be seen by 40 to 65 million people. These are huge attendances, by Western standards.

But the situation is changing. Of the 4,000 million movie tickets sold in USSR each year, 2,000 million of them are picked up by young fans (age 16 to 30).

Older people are turning to TV more often. This isn't simply "accepted" in USSR ... they're doing something about it. Specifically: building more attractive theatres, with eating and other facilities, so movie-going will attract whole families.

They're spending \$100 million per year on this.

Clearly, it's possible to have a highly popular and prosperous movie industry *without any porn or savagery*. Indeed, while Soviet films don't hesitate to portray tragedy, their directors and stars rarely leave people feeling discouraged, depressed or pessimistic.

People in **all countries** likewise "approve" this — foreign movie theatres have, in just five years, bought more than 1,000 Soviet films! Only in Canada and USA are we deprived of all but a few Soviet pictures, by the vicious anti-Soviet policy of exhibitors.

You should note that official government policy in Socialism *prohibits* the making of sex-violence-crime shows that fill our screens today. However, it is hard to imagine any Soviet actors or actresses appearing in *obscene* stories; or acting sexual *perversions* (common here now); or exhibiting *children* in such films.

The Soviet *public* would unquestionably reject (very forcefully!) the "entertainment" served to us now.

According to famous Academy Award winner Jack Lemmon, USA is producing immoral films because "a competitive desire in the movie industry is to present in films what you can't get on *The Box* (TV)".

In France, too, "the real culprit is television." Since 1960, movie attendances dropped 40 percent.

So "financiers put their money into porn movies that are hits."

Says British movie critic Leslie Halliwell: "It's all very well to say in defence of such films that large numbers flock to see them. So they did once for bear-baiting, public executions and witch-hunts, but the human race long ago prided itself on having passed that stage."

Says famed director Frank Capra:

"The great days of Hollywood are over. There aren't many women stars coming up ... I think that's partly because there has been such emphasis lately on nudity and obscenity. Many actresses won't put up with that, and so don't get so many roles offered to them."

When Leonid Brezhnev told the Soviet people "It seems to me that all readers, theatre and TV audiences, and radio fans feel that a new tide is rising in Soviet Art" he echoed mass public opinion in Socialism.

Part of this big advance is due to the fact that *half* of all Soviet movies today are being made in the "national republics", which only recently began to develop their own "Hollywoods".

Thus, a whole new Soviet Central Asia cinema art has appeared in recent years, with very fresh approaches. And Soviet Georgia has given rise to world-famed producers such as Otar Ioseliani, whose film "Pastoral" was greeted as a sensation in Europe.

Several Soviet film centers have set up "Debut" — an experimental studio where **unknown** producers can make full-length movies, fully paid for. The Soviet national budget today is financing these "discovery" films at the rate of \$185,000,000 per year!

This is paying off. Since 1975 they've made some 200 "debut" movies, with several smash hits among them.

Soviet science-fiction films are winning popularity. Some are "serious art forms", such as "Stalker".

In this movie, various Earth people volunteer to explore a dangerous Space Zone ... actually, the film is about *the mystery of human life, love, faith in Man*: It is on a high artistic plane, not too easy to grasp, and is in sharpest contrast to the "daring" movies of the West today which excel only in filth and cruelty.

No anti-Sovietism can get around the fact that not another country in the world can boast of films that attract **60 million** and more viewers in their first year.

And the liveliest thing about Soviet cinema now is the demand by viewers for *an active role* in movies: new Film Clubs appear everywhere in USSR, where people see **previews** of new films, then proceed to "broadcast" to the entire public what these productions promise.

Another amazing fact: nowadays, for every Soviet film the fans see, their screens show a film from **some other country**. No other country, with a developed film industry of its own, can boast of such cinema freedom.

And no country in the capitalist world can point to all movies, home and foreign, drawing *millions* of viewers *without a single scene featuring sex, violence, crime*.

Maybe our profit-seekers are missing the boat?



Why it's hard to sell Reagan's dream

How to prepare for surprises, and understand them too

Why has USA changed so suddenly?

What is behind Washington's all-out drive to acquire new arms on an astonishing scale?

How come Carter, and now Reagan, proclaims that USA must make itself unquestionably supreme in the world?

You can't supply sensible answers unless you *look beyond the propaganda reasons*, which tell us that "the Soviet menace" requires "suitable reaction" by USA.

Truth is: USA is meeting new and stiff competition from major capitalist nations. And this is related to a struggle to **regain profits and resources** in many countries that were formerly colonies of the West.

Behind the scenes, many observers note that Reagan believes the Soviet Union will run into serious economic problems, trying to keep up with USA in new arms. But the same observers also question whether Reagan's vast spending on the military, with ruthless cutting of social security expenditures, will bring the prosperity which "reagansway" economists promise.

The economic record in Capitalism shows that arms races have depressed, not stimulated, free-enterprise.

Reagan is out to "contain" Capitalism

You've seen many reports on the unwillingness of West Germany and Japan to speed up arming. Our media cannot bear to explain this. But it's clear.

The *very limited arming* done by West Germany and Japan, since World War Two, is the main explanation for the *huge economic growth* enjoyed by those nations. They are now powerful rivals of USA, economically.

Washington is determined to stop that.

Above all, USA is alarmed by successful development of Third World (former colonial) countries undertaken by West Germany, Japan, France, Italy and some smaller countries. The alarm is real, because the entire capitalist world urgently needs energy and resources awaiting exploitation in Less Developed Countries.

Unless USA seizes control of the former colonies its rivals will move right in. *And they have moved*, to an extent that brings nightmares in Wall Street.

In higher financial circles no one believes the line that Reagan fears USSR will grab Mid-East oil. The real fear is out in the open: Japan and Western Europe already are making excellent deals in the Middle East.

And to do this they aren't bombing nuclear power plants in Iraq, or shooting down Libyan patrol planes.

Whose throats are they out to cut?

Inside the "petroleum world" it is no secret that only the CIA thinks USSR wants foreign oil. The real situation arises from Japanese and European dependence on foreign oil. So if USA can restore its command, in the Mid-East, which it lost when the Shah was thrown out, then Washington won't hesitate to "cut throats" in Berlin, Tokyo, Paris and Rome.

In the period ahead, *no oil means economic ruin*.

Besides petroleum, possibly even more essential, are the Space Age metals of Africa and Canada.

This is behind Washington's intensified campaign to build up racist South Africa as a military power able to invade not only Angola but any other African nation fingered for attack by USA.

In Europe, no one misunderstands Reagan's furious opposition to USSR supplying gas and oil to Capitalism. *Without Soviet supplies*, European industry will be wholly at the mercy of USA if, and when, Reagan's battleships and bombers can control the Mediterranean.

These economic issues, which involve the very existence of West European and Japanese industries, are the *real factors* behind the smoke-screen of "arming to meet the Soviet threat".

Rivalry between capitalist powers is once again flaming hotly, with USA desperate to rule the system. And the situation can no longer be hushed away ... because *control by Washington has already been lost*.

Our world will never be the same

The press in Europe and the Far East, unlike our media which feed only on USA hand-outs, can be surprisingly frank and realistic. Even those editors who are remote from any Soviet viewpoint are today telling the public two truths ...

The tremendous growth of production and financial power in West Europe and Japan guarantees that USA will *never again rule Capitalism* with the once mighty Dollar.

At the same time the equally tremendous economic and scientific growth of Socialism guarantees that USA *cannot ever overwhelm the USSR* and its allies and the small nations defending their liberation.

In short, in our day USA is weaker than ever before.

No one outside that country believes Reagan can re-build his dream of yesterday's supremacy.

NN Readers would be amused to read the *new thing* in high-level tipster sheets. It's called **International Country Risk Guide**. Financiers pay \$1900 for a year's subscription. For that, they are constantly informed about *which countries are most in danger of moving out of Capitalism*.

You've guessed. No country ever comes back in!

No billionaire will bet against History

The twin facts — USA no longer rules supreme over Capitalism, and our system couldn't possibly knock out Socialism — are making it very hard to sell the reagansway dream.

You can count on many surprises developing from this basic situation.

Example: one after another Big Power Conferences get massive publicity, then dissolve away, helpless.

Example: USA backs South Africa's war in Angola, though other Western lands warn that this could be suicidal for energy-resources.

Example: Reagan pours arms into Israel, some Arab nations, Pakistan, China, when all these moves drive USA's "allies" up the wall of fear.

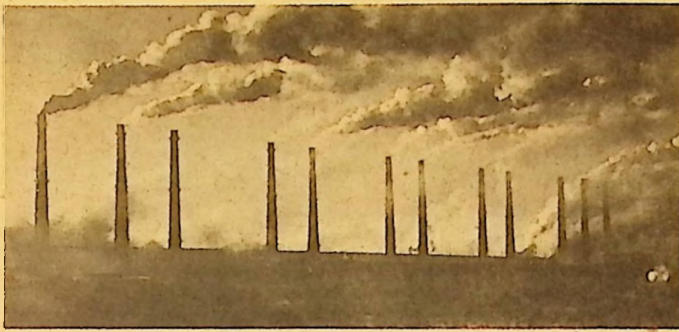
Nobody says it but everybody knows it: Reagan gives not a damn for any views of the USA's "friends". He needs no "partners". His "allies" are in reality the enemies of his dream to establish Imperial America.

But they will out-last him.

They see only too vividly (and selfishly!) that USA has set its mind on colonizing the world anew.

And history has eliminated imperialism.

It can return only in the dreams of delusion.



WASTE NOT — WANT NOT

Socialism began in a very poor nation, so Russian workers had to be thrifty. But now "high technology" gives them astonishing economies.

No doubt you've seen enormous and unsightly dumps, around steel plants . . . the size of small hills, these are piles of slag, one of the modern world's most repulsive destroyers of natural beauty.

Ten years ago this month, workers at the Azovstal Plant in Ukraine *dumped their last load of slag.*

After 1971, this "useless waste" was transported to a new nearby plant, where it was ground into a powder that *replaces sand in concrete.*

Some of the slag is treated differently. Then it becomes raw materials for making **cement** (the "active" powder which you mix with sand when making concrete).

However, in the past 10 years **many more factories** have been "bidding" for the once-useless slag from steel works. Here's a brief summary:

- Ground in a particular way, slag greatly **improves the top coating** on heavy-duty **highways**, making them superior even to concrete roads.

- The important industrial insulation material we call "rock wool" is now made in USSR directly from **molten slag** of the Azovstal furnaces; instead of *mining* special rock, then *melting* it (to "spin" rock-wool fibers), the white-hot slag flows straight to "spinners"; **total saving** is tens of thousands of tons of fuel.

- Now Azovstal chemists have discovered that a special slag, rich in **phosphorus**, can easily be made into a fertilizer that is super for **salty soils**; in some Ukrainian farms the stuff is used by thousands of tons, and gives a 100 percent boost to crop yields.

Besides all these "outside sales", steel plant slag is also proving highly valuable *within steel plants*. Thus, some slags contain "additives" used in making steels: like manganese, calcium, fluorine chemicals. The cash saving mounts to big sums yearly.

And strange though it seems, when you treat slag not as a *nuisance* but as *raw material*, you can **extract from it a lot of pure pig-iron**, for additional steel production. Just at Azovstal alone, last year workers recovered **56,000 tons of iron** from slag they didn't dump!

We put the question straight to Grigori Ostroverkhov, chief of this big steel center's Economic Department.

"Using the slag we formerly discarded," he told us, "now gives us a **profit**, or saves us in dumping costs, a total of **\$13,600,000 per year.**"

From any viewpoint — socialist or capitalist — that's a lot of money coming literally "from nothing". So NN asked for a break-down.

— In the past, it cost this plant about **\$3,200,000** to haul slag from the furnaces far out from the working area to those horrible dumps.

— That's not counting the ever-present dangers and **accidents**, to say nothing of **foul smoke-and-stench.**

— The **metal recovered** from formerly wasted slag (some 56,000 tons of pig-iron and 63,000 tons of steel) adds up in value (Soviet prices) **\$3,360,000 yearly.**

— But for technical reasons, using slag right at the furnaces results in a considerable cost-saving in the plant's steel operation; in fact, right now this *economizing* exceeds **\$3,680,000 per year.**

— Sales of "raw materials" (and some finished products like fertilizer) **outside Azovstal**, bring the enterprise well over **\$6,000,000 cash.**

Alexander Romanenko, who manages all waste processing, looks on slag as a new "mine" with a solid gold vein.

And he describes still another economy system the Azovstal workers have developed. Briefly: it is a new system for **using the terrific heat** in this steel plant, in the past literally *thrown to the winds.*

Now they use the heat of open-hearth furnaces and huge "converters" to produce tremendous quantities of **steam and hot-water . . .** it's piped away to enter the town's residential heating system.

At first, they didn't use all their slag. But instead of dumping it, they used it to **build a dam** at the edge of the Sea of Azov. Inside the dam they now **store and purify** dangerous liquid wastes from the mills.

In case you're asking: **yes**, many other Soviet steel plants have similar slag-using processes, all working with multi-million-dollar annual returns.

Yes: all kinds of Soviet industrial plants, **other than steel**, are likewise going big for "economizing".

- At Sterlitamak, in Bashkiria, rock-like waste at the big soda-chemical plant now goes into **cement.**

- At the Zaporozhye Car Plant chemists found a way to extract poisonous metals from waste water, for **re-use** in the nickel and chrome **plating operations.**

- At the Sumgait Synthetic Rubber factory they trapped poisonous waste gases, to produce a number of valuable chemicals formerly "gone up in smoke".

- At the Pervomaisk Chemical Combine, *for the first time anywhere in the world*, Soviet scientists have completely eliminated all pollution, recovering materials of great value in producing synthetics, insecticides, herbicides, detergents, and other chemicals rightly considered to be very **hazardous** when released as wastes.

You're bound to see this recognized as a big contribution of Socialism. The Soviet scientific view is that Earth's environment is **not harmed by industrial growth**, but only by **failure to use available technology.**

Far from considering technology an "evil", they've proved that it's a force for **great good.**

Besides, *preventing waste is very profitable.*

They're back here again!

Remember 1967? "Man And His World" at Montreal? That great Soviet Pavilion visited by millions? Well, Soviet people came back to Montreal this summer. Too bad our media ignored a wonderful exhibition, movies, performers. "NN" was able to go. Photos by "Pablo", of the Journal de Montreal.



Mayor of Montreal, M. Drapeau (left) greets Leonid Gudiria, Director of USSR's Pavilion. With them, Alexander Eressovsky, Consul-General in Canada.



Everybody agreed that the highlight of this year's Soviet "show" was the amazing Yakutian (Eskimo) Folk Dance Group. Their beauty, grace, enthusiasm had to be seen to believe. Too bad someone didn't bring planeloads of our Northern People down to see this. Or, at least, our blind-deaf-and-dumb TV networks could have broadcast it for all.



For the first time thousands saw a famous style of Russian Folk Craft being produced, live, by artists. This woman's skill and speed fascinated everyone. Her work has won honors.



Yakutia also sent Folk Craftsmen. Before your eyes this man completed marvellous Eskimo carvings. A big Yakutian exhibition rivalled that of the Armenians in the Pavilion.



Armenians are proud of crafts dating back thousands of years in both textiles and wood.



Pavilion press conference was attended by many Montrealers, but for some reason the English press couldn't get a word into print. When Canadian performers visit USSR, their media lavish attention on our people. Obedient to dictates of the White House, our media just can't see the USSR.



Yakutian and Armenian republics both had big exhibitions. This Soviet Pavilion was by far the most popular of many at "Man And His World" in '81. "NN" was happy to meet a great friend of this magazine, Vladimir Sasanov, second from right, and relay his greetings to all Readers.



Not often you get a chance to see a "chorus" from up near the North Pole. These Yakutian girls were a hit wherever they appeared. Interesting to see that even in mid-week the USSR Pavilion was filled. A theme of the exhibitions was Protection of the Environment in Socialism, with many displays.



This may well be the first time many "NN" Readers have met His Excellency, Alexander Yakovlev, the talented and popular Ambassador of USSR in Ottawa for quite a few years. He presided over "USSR National Day" at Pavilion, on July 15.



Canadian TV networks missed a real thing when they passed up the big Yakutian Delegation. Many of them young, and all talented, these Far Northerners were charming and inspiring. In front, with camera, you see the obliging "Pablo" of Journal de Montreal. People of Quebec always reveal keen interest in anything from the Soviet Union.



If there was a "star" of the many Soviet displays at "Man And His World" it must have been Pavel Maksimov, who got a terrific bang out of carving animals and people for the crowd of youngsters always surrounding him. So you see why "NN" thinks that our TV people need one hearty kick in the rear for missing the USSR at Montreal.



Drugs in

Two SYSTEMS

Use of pot (marijuana) has passed the epidemic level in USA, to become almost universal. In the USA Navy, half of all sailors had pot in their blood when tested. Six men involved in the tragic air-crash on the carrier Nimitz were on pot. That scandal brought out this figure: the Pentagon spends 100 million dollars a year fighting drugs!

These facts came to light just when Tulane University (New Orleans) released the extensive research yet done on marijuana — concluding that it does “devastating and irreparable damage to the brain.”

Studies of the brains of higher animals disclosed why pot smokers suffer *basic abnormalities* in their sex life, eating, desires, moods, behaviour.

And the tests on animals were “mild”: equal to 2-or-3 smokes daily for only six months.

This research (under Dr. Robert Heath) confirmed that pot lasts in the body 30 days after it is taken in. It concentrates in “fatty tissues”, which include sex organs and the brain itself. And the fact is that great numbers of people in USA smoke *much more* pot than scientists gave to the animals.

Hard to believe: half of all USA senior high school boys and girls say they take marijuana regularly. Because of this incredible drug addiction, medical scientists have issued lately some 2500 research reports (since 1975) . . . and *not a single study* “cleared” marijuana for what some claim it is: a mild, soft, safe drug which shouldn’t be banned.

Why don’t our editors “expose” the suppression of drugs in the Soviet Union? Facts too uncomfortable?

Nobody has any freedom to use narcotics in Socialism. So they have less than 3000 addicts in the entire USSR today, all under treatment. The number decreases about 300 per year.

Most of these patients got that way during treatment for serious (painful) diseases or injuries.

Astonishing fact: **heroin**, totally **banned** in USSR for many years, **doesn’t exist there**, and they do not have a single human being addicted to this deadly drug.

But our editors stay clear of the Soviet drug scene because it has **three impressive features**:

- In all USSR you can’t find **unemployment** or “areas” of **poverty, vagrancy, sex perversions, criminals.** So the “climate” for drugs is missing in Socialism.

- **Manufacture, sale and use of all drugs is entirely in the hands of publicly-owned enterprises.**

- **No profit whatsoever can be made by anyone in the manufacture or use of drugs.**

At a recent symposium of the Alcohol and Drugs Concerns, Inc., in Toronto, a leading doctor admitted “I see few happy people in my practice . . . they don’t know how to live and enjoy themselves.”

Then an Addiction Research Foundation doctor said “**Almost a quarter of all drugs prescribed in Canada are mood-modifying pills**”. Mainly *tranquillizers*.

Another doctor admitted: “When a patient has social problems the doctor can’t treat, he suggests *tranquillizers*. At least it makes the doctor feel better.”

Recently, Canadian medical authorities have confirmed what USSR has stated flatly years ago: although **alcohol addiction** is a serious problem, this drug **does not lead to other**

Besides the big New Orleans research, a *survey* of world-wide pot studies, made for doctors by the *American Medical Association*, sounded a new alarm: the active drug in pot now used is **five times more potent** than the stuff sold in 1970.

This explains why *sexual disturbances* in both men and women pot users is sharply increasing.

The stronger the pot, the higher the number of smokers *compelled to go for heroin.* USA today has over 200,000 heroin addicts!

• These researches and facts give you striking confirmation of the basic Soviet view on marijuana (long reported in NN): pot is an *extremely dangerous drug, incomparably worse than alcohol.*

Regular pot users tend to try **mixing** their doses with other drugs. USSR researchers claim this is especially true in the West, where **economic, moral and spiritual crises** turn people away from real life, to seek “refuge” in drug-derangement of the mind.

Drug addiction, USSR warned *years ago*, is a grim symptom of the general crisis of Capitalism; all the more serious because drugs are now a source of **super-profits.**

ruinous addictions as pot leads to hashish and heroin. Alcohol is *controllable socially*, but as USA, Canada and Europe now find, marijuana inevitably leads to *unmanageable “hard” drug addiction.*

The **profit factor** can never be overlooked. Thus, in USSR, *tranquillizers* are used beneficially within their medical system; while in USA the drug monopolies have created a major crisis — tranquillizers are sold at the rate of **12,000,000,000 doses per year!** (See “Tranquillizing of America” by Hughes & Brewin). Drugging the **majority** of people is thus big business.

The UNO Commission on Narcotic Drugs finds that growers and dealers of pot have **powerful lobbies** pressuring the governments in 18 capitalist countries.

Far East nations under USA controlling interests (Thailand, Burma, Pakistan) are major suppliers in the West’s drug network. China is deeply involved (especially in heroin) and *has never accepted a single international control proposal . . .* refuses even to supply information to assist drug-control authorities.

Similarly, Latin American nations strongly influenced by USA are now deep in the terrifying cocaine racket. This “super” drug sells for \$2500 *per ounce*, and in USA alone cocaine brings in \$27,000,000,000 *per year!*

This situation is **new** in our world. From a “problem” that could be periodically knocked down by massive police action, drug addiction has become **super-profitable in all capitalist nations . . . uncontrollable.**

The contrast in Socialism will inevitably become more impressive every year.

(Our report is “continued” on the next page. . .)

Drugs around

THE WORLD

Few people here in the West know that deadly narcotic drugs, and military arms, have long been "twin" businesses for smugglers. The British were notorious for this in Asia. Their successors in Washington today are playing "the drug card" in a deathly racket.



Newspapers in the Middle East frequently report the arrest of Afghan drug smugglers. *The Kayhan* for example told of a heavy gun battle on the borders of Iran, in which the Iranian forces captured Afghans loaded with arms plus 30 pounds of heroin.

These Afghans were not supporters of the Socialist regime in their country. They were professional drug runners working the notorious *Golden Crescent* — linking Iran, Afghanistan, Pakistan, Turkey, Kashmir.

In that large region soil and climate favor the opium poppy. At the height of the British Empire great areas were exploited for poppy-growing and heroin-production. Later the *Crescent* became the *Golden Triangle* to include Burma, Laos and Thailand. With huge profits from heroin the British financed much of their empire-building.

With tragic consequences: heroin-addiction spread from the East into the white capitalist world, where its effects were deadly in the extreme.

Since World War Two there has been a remarkable trend: heroin trading springs up wherever USA begins to peddle armaments. Arms and troops flow in *one* direction, while heroin flows *the other way*, to the West.

And it is the CIA which arranges "contacts" between armed forces personnel and drug suppliers. The "intelligence" (espionage) agents are highly skilled in the kind of under-cover operations needed to push heroin.

World narcotics control authorities know very well that the USA itself was first flooded with heroin after Washington stepped up its "dirty war" in Vietnam.

But the propaganda pay-off is even more profitable than the *billions* in heroin-addiction. Washington is able to appear before the world as champion of Islam (Moslems), by the simple trick of claiming that its landlord-bandit smuggler gangs are "devout Moslems and fighters for the freedom of their homeland."

Even officials of Washington's *Drug Enforcement Administration* (such as David Hoover, in *Philadelphia Magazine*) say that all narcotics control officers have been taken out of the Pakistan-Afghanistan border regions. Obviously, in order to prevent them observing the "Moslem faithful" loaded with arms one way, heroin the other.

The DEA official said: "Do you realize the price we're going to pay in terms of addicted individuals, or deaths, or domestic crime? *We are about to enter another heroin hell.*"

The Arab press (even in nations more-or-less pro USA) carries news which our media totally suppresses. Thus they tell how the tremendous camps of so-called Afghan "refugees", inside Pakistan, are really organized breeding grounds for arms-and-drug smugglers, to say nothing of heroin-addiction among these unfortunate stooges of the CIA.

Only when USA forces were smashed and cleared out of South East Asia did the flow of heroin from the "Triangle" drop markedly. Washington's "Drug Enforcement Administration" then was able to score some success in breaking the epidemic of heroin addiction.

However, in March 1980 ominous signs appeared.

Asian papers reported "a new wave of opium-running on an unprecedented scale." This coincided with a big upsurge of USA efforts to influence Iran, Afghanistan and Pakistan. The *Golden Crescent* became the top world supplier for heroin (and its "raw material", opium).

For many years, when Afghanistan was repeatedly subjugated by British forces, that country was one of the world's biggest opium producers. Before the coming of Socialism, Afghanistan's *free enterprise* system allowed the export, legally, of deadly opium containing 18 to 20 percent morphine. But a large part of this "business" was in the hands of land-owners, who organized gangs of bandits to operate the trade.

Recently, as USA anti-Afghanistan military operations were stepped up (via Pakistan and China), heroin has returned on a shocking scale within the USA. At the same time as the CIA organized *arms-running* (for bandit gangs) it also set up *opium-running*.

This is a remarkably efficient racket. At one stroke USA is able to get arms smuggled to bandits who are eager to fight Socialism; while at the same time those bandits are richly paid off by enormous profits from their opium-heroin traffic.

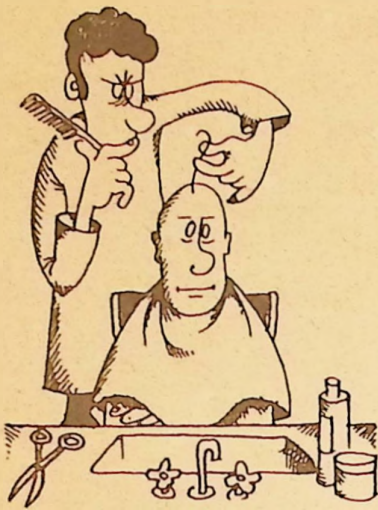
Even reporters who are antagonistic to Socialism are repelled by propaganda picturing Afghan "rebels" as "devout Moslems, fighters for a sacred cause" — when they are trading frenziedly in death and heroin.

In Iran — strongly anti-Soviet, anti-socialist — the chief Crime Investigator, Colonel Mougabbeli, says flatly that the anti-Afghan-government gangs, organized by USA, China and Pakistan, "play the leading role in spreading narcotic addiction in Iran."

The profits are really unbelievable. Latest information, probably out-dated, is that the *Golden Crescent* route is now exporting to the West (largely to USA and Canada) between three and four million pounds of opium per year. So it seems certain that the 200,000 heroin addicts in USA (early 1981) will multiply hugely.

This tragic development proves once again that organized crime and anti-Socialism conspiracies go hand-in-hand. This has always been true of *arms smuggling* and *drug running*. The USA has achieved the distinction of *uniting both these crimes* in its anti-Afghanistan drive.

(These questions are bound to heat up. We suggest that you spread as far-and-wide as you can "Why the Afghans Are Winning" — No. 391 — 45 cents-3-for-\$1 — 20-for-\$5.)



Losing your HAIR?

- Even if you're not going bald, you may worry about your hair *losing its former beauty*.
- Millions have this problem in USSR, too.
- Here, TV commercials promise glorious hair out of a *shampoo bottle or a rinse*.
- But there's a lot more to it than "magic", and here's the advice Soviet specialists recently offered to men and women over there.

Human beings at every age want to have hair that can be admired, hair that feels and looks "great".

But many enemies attack our hair: infections, chronic diseases, changes relating to sex activity, pregnancy, menopause in women and climax in men . . . all may damage hair that once was beautiful. It loses its lustre. And may start to fall out.

Soviet specialists say overwork (mental), and chronic lack of sleep also may cause hair damage.

Except in certain cases (see later) what you eat isn't going to affect your hair; provided, of course, you are not suffering ill-health due to lack of proper food.

The **one factor** which we can all tackle is **systematic care of the hair**, designed for our individual needs.

- **Normal Hair.** You have it, if your hair is elastic, not dull, the strands not sticking together, retaining the "hair-do" you choose. Care of normal hair is **simple**: wash it in **any good toilet soap** not more than **once each week**. Avoid "household" or laundry soaps and detergents used for dish-washing.

In USSR they sell shampoo soaps thoroughly tested and approved by the Minister of Health. But they insist that **quality toilet soap** can't be beat for normal hair.

The **water** you use is important. If your area has problem water, **boil it** for hair-washing. If it's hard, add one teaspoon of **baking-soda** to two quarts of water.

Wash the hair **over a basin** (in it, if you have long hair). Rub soap thoroughly into the scalp as it lathers.

Special rinse? Yes. But don't buy it. Put one tablespoon of **vinegar** into a quart of water, and thoroughly rinse your washed hair with that (*after soap is rinsed out*).

Drying? Soviet specialists aren't at all fond of electrically-heated blower-dryers. They favor using a big towel, and (if hair is thick) taking up to 30 minutes to dry it, *before* any combing.

They insist on every individual in a family using only his or her own comb. **Never buy a comb with sharp teeth**. The longer your hair, the more carefully you must comb it, and never, ever "tug" tangles out forcefully.

If you'd like to keep beautiful hair that way, or help hair that's damaged, you **must** take time to **massage** your scalp morning and evening every day. This is very effective in promoting healthier blood-circulation, which in turn improves hair nutrition.

Never use a hair-brush if your scalp is itchy! You invite real trouble (with infections) if you do.

Go **bare-headed**? In USSR they're strongly **against** that.

In winter, cold lessens scalp blood supply. In hot weather, a light hat prevents harmful drying-out.

People with normal hair are the luckiest. If you follow recommendations given above, Soviet specialists say you can expect to enjoy your hair right on into old age.

- **Oily Hair.** Found mostly in young people of both sexes. It's really a (mild) disease of the scalp. Too much secretion from scalp glands. In most cases you simply feel "greasy". Later, your hair may become **sticky**. It's a real problem if oily hair is **smelly** a few days after washing.

Frequent washing won't help. Indeed, it will **worsen** your problem, by further stimulating scalp glands. So don't wash oily hair more often than every five to seven days.

Use **toilet soap**. While they have *medicated* soaps in USSR (as here) they don't recommend using them unless your doctor prescribes them.

Excellent *treatment* for oily hair is to rub into the scalp, *before* washing, either **sour milk** or a similar product like kefir. Let it stand 20 minutes.

Every other time, **instead of soap** use a solution of ordinary **mustard**: shake one tablespoon of mustard *powder* in two quarts of water and use that for washing.

You should **always use a rinse** after washing oily hair. Either the vinegar-rinse mentioned before; or juice of one lemon in a quart of water.

If you have faith in **herbs** (many Soviet doctors feel that way) you could try several on oily hair. Such as nettles; plantain; oak-root, St. John's wort. Prepare solution as directed on package, and apply it to hair **before washing**. Use only fresh solutions.

Some Soviet specialists believe a *more effective* treatment is to apply a fresh solution of **boric (boracic) acid powder** (one teaspoon in a glass of water, shaken well). **First "dry"** the oily hair with soft cotton-batten pads, and **then** give the scalp a good soaking-rub with the boric acid solution.

What you eat definitely does influence oily hair. To lessen scalp secretions you must **cut sharply** (or *cut out*) coffee, cocoa, chocolate, vinegar, horseradish, mustard and alcohol.

- **Dry Hair.** You have it if your hair feels dry, looks dull, breaks easily (brittle) and has ragged ends.

Dry-hair scalp is usually covered with fine scales. After washing, it's **worse**. So first treatment is to wash no oftener than once every **two to three weeks**.

Wash with mildest toilet soap you can find. *Don't use soap generously*, but try to work up a lather with *less soap, more water*.

Very effective is **egg yolk**: mix yolk in a little water plus **vodka** (alcohol), rub into scalp, and in a few minutes rinse out with warm water.

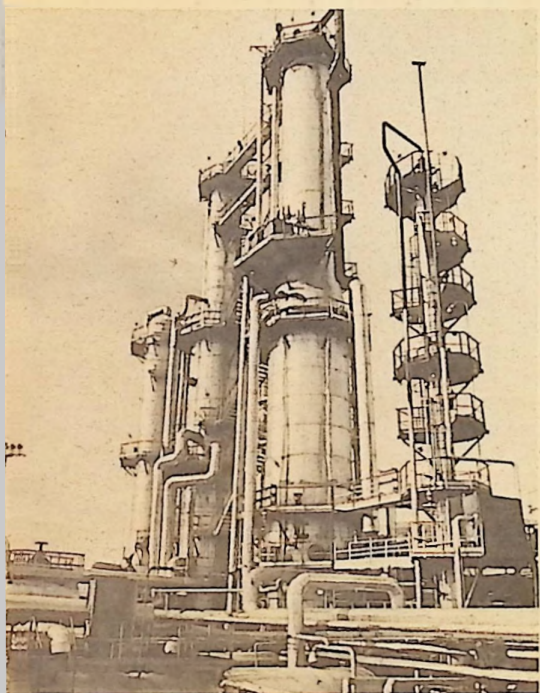
Very dry hair: apply a little vegetable oil (olive is good) to scalp, **before washing**. **After washing**, too, if you can do so without making hair oily.

Treated reasonably well, your hair will respond by looking good all your life. Just remember that genuine *baldness* inevitably comes to some men.

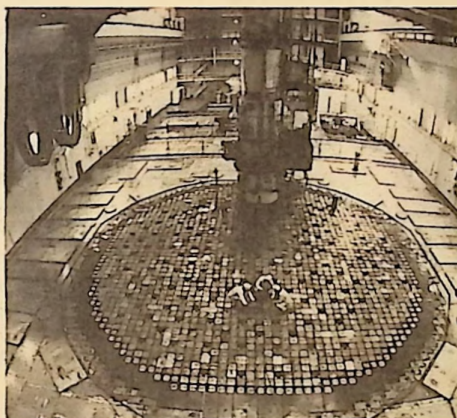
Time and again we are warned that our supply of energy is being threatened. How do they tackle this, in their system that has no profit motive?



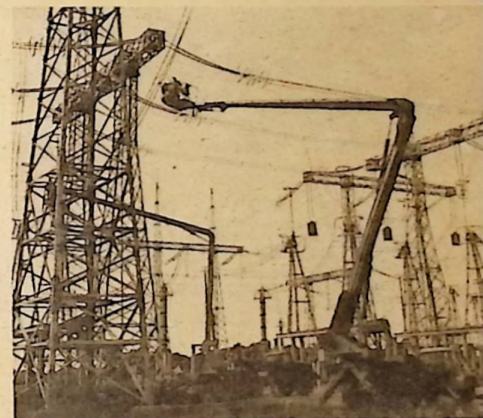
Socialism plans to meet the needs of society, the people. As a result, USSR is not only able to hugely expand its use of natural gas (highly efficient fuel) but is even planning long-term rise in export of gas-energy to Western Europe, in lines like this.



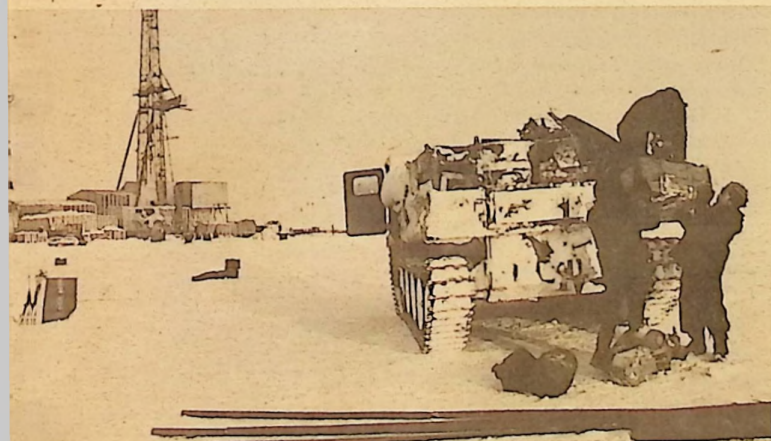
This Soviet plant makes efficient use of "casing-head gas", burned in vast quantities in capitalism's oil fields. It's one of many in Siberia, located at Nizhnevartovsk, far north.



Soviet people are confident that the total accident-free record of their nuclear power engineers will continue, and so they fully approve of rapidly expanding this most efficient energy source.



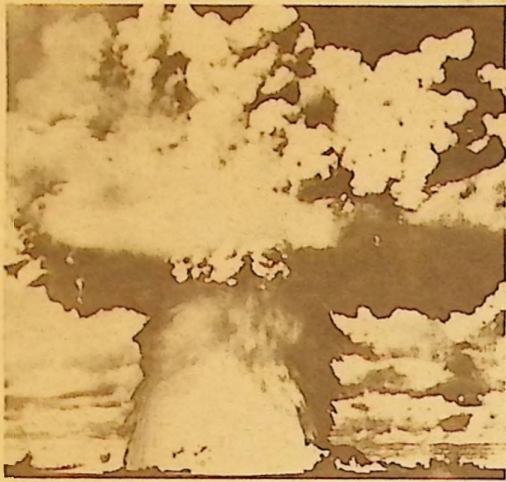
Socialism has no competition in the energy field. All resources are pooled for efficiency. This gigantic power distribution center at Vinnitsa sends energy into Socialist Hungary.



Taking all profits from industry, Socialism can afford to develop the most costly energy fields, for the future. This giant gas deposit on Cape Kharasavei is supplied via the Arctic Ocean (atomic ice-breakers). One of the latest of USSR's energy centres that are above the Polar Circle.



USSR is now world's largest oil producer and is only land in world that depends solely on itself for energy. While USA's CIA has for years predicted "doom" for Soviet energy, Socialism rolls steadily ahead, picking up speed. Here's a new, enormous oil deposit opening up in West Siberia.



Should you defend Nature — against Science?

Not so long ago you saw a great many attacks on Science, on “industrial civilization”, on “modern life”. All sorts of claims were made about the blessings of “going back to Nature’s way”.

A lot has been happening lately. You can broaden your knowledge of a vital problem using the facts NN reports here.

Supported by the universal fear of wiping out mankind in a nuclear war, millions of people became distrustful of Science. One of their main ideas was to lead us back to “simpler ways of life”. With the slogan “*small is beautiful*” they told us that humanity’s future lies not in big cities, big power plants, big airplanes, etc., but in “*local self-sufficiency*” . . . using the wind, the sun, the tides, wood-burning, backyard gardens, raising our own animals, and so on.

The fact is that the *overwhelming majority* of people on Earth do “live small”. They are the hungry millions, the sick, the over-worked, the impoverished.

And they want out. They know that small is horrible and they demand our “big” life.

On a very limited scale, on Prince Edward Island back in 1976, Canada set up a beautiful “small” experiment called **The Ark**. Windmills. Fish ponds. Solar heating. Really living with Nature. All designed by experts.

The Ark is closed now. Everything flopped. The people living in it *walked out, fed up*. The hippies and middle-class city people who used to visit it, like a shrine, *stopped coming*. The government tried to give it away, but nobody would take it even for free.

What went wrong? Nothing worked, **in practice**, as it was supposed to work on paper.

Basically, The Ark failed because it *completely ignored human experience*: people moved from “small” to “big” over the centuries because “big” is able to *raise the standard of human life* high above anything ever known in the past.

Let’s look at the other “extreme”. Those dangers associated with **nuclear power**.

In advanced countries, both capitalist and socialist, nuclear power plants are *increasing rapidly*. They made 8 percent of the world’s electricity last year, and will greatly increase that by 1990. Over 250 nuclear plants are running today. More than 225 are being built, and another 118 are on order.

As for the “dangers”: in 25 years of their operation, the many different types of nuclear power stations have **not had one death or serious injury from radiation**. This record of safety isn’t equalled by any other kind of power plant.

If you check **other facts**, the contrast is startling.

- Just in the two past years the world has had (in Singapore, Ireland, Louisiana, Gulf of Mexico) serious accidents involving **oil transport**, in which **135 workers were killed** and many more horribly burned.
- In Pennsylvania alone, over 80 years an average of **376 coal miners** have been killed every year . . . a slaughter now exceeding 30,000 men!
- In Appalachia, 57,000 miners now have **Black Lung**.

You may well fear that *other nuclear dangers* — namely deadly radiation from “atomic wastes” — are now menacing the whole population. But recently, “radiation scares” in many places brought to light another fact . . .

Nature itself, in the principal rocks making up our Earth, is pouring into us **far more radiation** than can escape from waste-disposal sites.

Scientifically: nuclear wastes will be **buried down 5000 feet**, whereas the uranium-and-thorium in natural rocks gets at us from just a **few hundred feet**.

Buried wastes, moreover, are *artificially encased* in “nature proof” synthetic rock; while *natural ores* are continually being “washed out” by waters, resulting in dangerous radiation in many places.

The latest system for deep-burying nuclear wastes involves **one hole 7000 feet deep**, capable of holding **all the nuclear power-plant wastes of the USA** for a year, with all its radiation far beyond the reach of people.

Although our media haven’t publicized it, in Europe powerful trade unions, and Communist Parties, have been moving towards a **strongly pro-Science position**.

As for the unions, the issue is clear-cut: any program in the name of “defending Nature”, which seeks to turn-back-the-clock of industrial history, **leads at once to unemployment**.

Mainly because “small-is-beautiful” works out to mean “**small-is-very-expensive**”, pricing the people out of a decent standard of living, and out of jobs.

Consider an example familiar to many: replacing oil, gas; electricity, by **heating with wood**.

- On a small scale, in rural areas, the danger is not serious, although **burning wood** produces many of the worst **cancer-causing chemicals known**.

- Heating with wood on a large scale would be using “Nature” in a way **deadly to the people**.

- Already wood-burning is being **banned**, in parts of USA and England, for health reasons.

- Scientifically, heating “naturally” with wood, on a big scale, is a **dreadful waste** of natural resources, and **pollutes Nature** on a scale we would not tolerate within any industry.

You can find more examples every month of Nature’s “defense” being exposed as harmful to both Nature and people. Typical is the fate of the sensational USA professor Falk, of Princeton. Falk made headlines for opposing the war in Vietnam, but since then he has played it safe indeed — now he campaigns **against peaceful nuclear power**, while at the same time openly **attacking nuclear arms control** . . . “it is not connected to the main issues of the day,” says he.

The full circle indeed! Those who began with fear of nuclear holocaust end up exploiting such fear in order to defend the USA’s nuclear-weapons drive.

Friends of the Earth — or the People?

If you have supported the Soviet view, on vital questions of protecting our environment while continuing to advance Socialism, then you can *compliment yourself on being right all along*. You aren't alone. Millions now support the scientific approach to human progress. But what is new and really surprising is the **political importance** of all this.



Just 10 years ago it was very fashionable, here in the West, to **condemn industrial growth**. Our Earth, its self-styled Friends maintained, is being **killed** by "civilization". So we must call a halt to further expansion of factories, mines, highways, airlines, power stations, etc.

Only Soviet Communists came out flatly and showed that "zero growth" was exactly what the **giant monopolies of Capitalism wanted** — their system was grinding to a halt.

So, by attacking "growth", millions in the "radical protest movements" were in **practice** carrying out propaganda handed to them by Monopoly Capital.

In some European countries giant demonstrations against energy-and-production became *more and more ugly*. The Left began to call these people Eco-Fascists.

But they were widely publicized in all media. Especially when noted scientists spoke up for "Europe and Ecology," "S-O-S Environment", "Friends Of The Earth", etc.

From the start you may have noted an outstanding feature of these "movements": they worked powerfully to get the people "to **struggle**". But they paid no attention to concentrating their struggle against the **enemy** of our Earth and its People, Monopoly Capital.

As time passed, some Western Communist Parties began to offer *leadership* to all those sincere people in this "movement". The Left worked to make this struggle *really democratic*. And to turn it against *real environmental threats* (specific cases of terrible pollution, etc.).

But at the same time another danger arose. Ecology movements began to *set up their own parties*. Their aim was perfectly clear: to **draw away young and middle-class people** from Left parties fighting for Socialism.

In West Germany this problem is *serious*. In Japan, correct approaches enabled the Left to get full support from environment-ecology enthusiasts, by organizing the struggle against **industries responsible for specific damage** to human health and enjoyment of life.

Indeed, in Japan recently Big Business launched a two-sided attack on Environmentalists and Communists. Because it is now clear to millions that *the only final solution* to our Earth's dangers is to **end private ownership of Earth itself**, through Socialism.

But you should not overlook the main danger in getting people to go all-out "defending our planet". Such struggles easily become **very vague**. In Europe, USA and Canada, this confusion leads to **very little being achieved**, considering the great amount of energy spent on it, in giant "militant" demonstrations, etc.

Old-timers in the Left can teach young people much about this problem. It's not new! Whenever you work people up to "struggle" for something like "the environment", *with dozens of different opinions mixed together*, you face the big danger that people will **quickly lose interest**, and **split up into rival, narrow groups**.

When you look at the situation in many countries, you confirm these difficulties. Take **Finland** for example. There they developed a "lake problem". This lake caused **floods** in spring. So farmers called for "environmental action" — a canal to end this costly mess.

Now the lake-level is **falling**. But a wonderful natural **bird sanctuary** is disappearing. Of course other "friends of the birds" now campaign to destroy that canal and let Nature resume clobbering the farmers.

Result? Tied up in the courts. Vast amount of human energy **wasted**. People are **too angry** (both sides!) to see that **Socialism**, with **Science**, can resolve such problems in the **best interests of the people**.

Or, take West Germany. There the "Friends" fight hard to stop nuclear power plants. They say German workers would be better off mining (and burning) **vast amounts of coal**.

Truth is: such expansion of coal-burning would **pollute both air and water** on a scale that is frightening.

Consider the United States. There the Communists have decided that **all nuclear power plants should be shut down** until they can be "guaranteed safe".

Why not shut down all **coal-burning plants**, which are not only causing dreadful damage to health in USA but are ruining many of our finest Canadian lakes!

The **general political problem** you see here was long ago analyzed by Lenin. He called it "Tail-ism". In the struggle for Socialism, the **Left must really lead the working class** and the entire people, and must never simply "latch on" (tail behind) popular "movements" just because they happen to capture public attention, for a time.

As hundreds of millions round the world recognize today, the **overwhelming danger** to our Earth and its People is the **USA's incredible drive towards nuclear war** against the **Socialist world**.

No question about it, the problem is **serious**.

Thus, in France, the "friends of earth" **refuse to oppose the USA** plan to set up new nuclear-missile bases aimed at Socialism. Yet they **do oppose** nuclear-power stations for industrial energy!

Another fact. These defenders of the environment are **indifferent** to the struggles of the working-class and people as a whole against Capitalism.

More. They brush aside Socialism and in this way glaringly reveal their lack of faith in Man's Future.

Indeed, their entire "movement" can properly be regarded as a campaign to **cover up the evils of state-monopoly Capitalism**; and to brush aside Scientific Socialism which long ago **proved that Capitalism** is the source of all threats to Earth and its People.

The fate of our planet depends on defending peace and advancing into Socialism. Any other "program" is only an under-cover way of supporting Monopoly and the infinite harm it does to humanity, our environment included.



Even children get into the act, as in Moscow Children's Musical Theatre, where many pre-schoolers spend wonderful hours being entertained.



Children's Ice Review plays famous story "Dr. Doolittle" for youngest audiences.



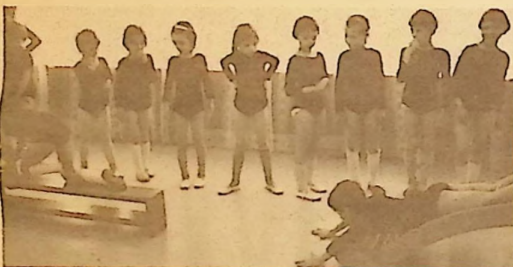
Almost every Soviet kindergarten and nursery has live animals and plants. In real life children not only learn love of nature, but also develop emotionally as they care for things which need their help and depend on them.



Their kids get full medical exams all year round, and getting doctor's attention together helps them build a wholesome attitude towards health.

Parking places for 16 million

More than 8-out-of-10 Soviet families now have their children in Day Care facilities. They care for 16 million boys and girls of pre-school age. This year, out of national income the USSR will spend \$1,280,000,000 on new centres for such facilities.



Physical training is a big part of day-care in Socialism. It's not done just by-the-way but under the eye of skilled specialists, on the lookout for any child's physical problems.



Many Soviet young boys and girls are referred, by kindergarten doctors, to special treatment schools. Like this one, where hydro-therapy is administered by way of wonderful fun.



Since skiing has become very popular in the USSR, day-care centres use facilities like these. Trainers show the youngsters what can be done with the little skis. In this approach to the slopes, everybody together goes "cross-country" on weekends with their parents and boys and girls out on the hills.



Problems of day-care in Yakutia, at 60-below-zero, require an awful lot of dressing-and-undressing work by patient kindergarten staffs.



million kids

In Soviet day-care centres the emphasis is on developing each boy and girl individually. Some small girls already like to play at being Teacher. But for others, dolls are artistic challenges. Soviet day-care is far from being just a service to working parents. Here children are prepared for a smooth transition into real schools.

youngest
m boys
profits
small children.



Sometimes misbehaviour is best left to one in the class, but little Larissa seems to be overdoing it as she gives Valia a real dressing-down for whatever happened.



You find that "art" classes in their kindergartens tend to be a lot more "serious" than finger-painting and other favorites over here.



No, it's not school, it's kindergarten, but you can hardly tell the difference during lesson times in Soviet day-care centres, where kids learn to read.



This past summer 12 million Soviet boys and girls took "day care" out in camps.

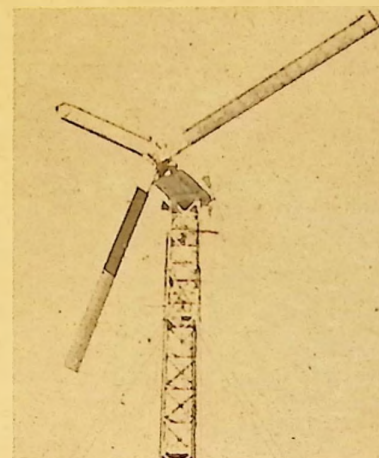


But Soviet educators never forget that home, mother and dad are the most, even if day-care does help a lot to strengthen the family.

USSR, quite a few day-care
erman Vainshtein has
iff you take an easy
ier. Of course, most Soviet
s, but it takes a pro to get

They're taming the wind for useful energy right now

You see in a new branch of power engineering
another Capitalism-Socialism competition.



Many people have forgotten that we in North America had a "wind-power boom" in the 'fifties, when thousands of small power-plants were sold in rural areas. USSR also "went for the wind" at that time, and on a bigger scale.

But huge expansion of oil and gas output, plus nuclear power, made wind-power too costly by comparison, and it was shelved.

Not really, in USSR. Dr. Vasily Burkhanov of USSR's State Planning Commission, tells us that thousands of wind-power units remained in use, in remote places.

In some Soviet districts gale-force winds blow 270 to 320 days per year. Mainly in the Far North. *Exactly where great developments are going forward now*, in Socialism.

It's interesting to note that *the profit motive* and the *energy crisis* both are operating to speed wind-power development in USA.

Last year 30 small companies sold 1500 low capacity wind-power units to consumers. Giant utilities are building much bigger stations. They say the wind isn't profitable right now, but they do predict sales of wind-power plants worth tens of billions, by the year 2000 (when oil will be very scarce and electricity demand away up).

The many wind-power machines now used in USSR have been in production for some 35 years. Most are known by the brand-name *Cyclone*. Smallest is a 100-watt unit that raises well water sufficient to supply flocks of 2000 sheep in the desert.

Bigger models supply power and heat for geologists, hunters, fishermen, etc., in the North.

Latest *Cyclones* deliver up to 30 Kilowatts, enough for a small community, and 100-KW models are running.

A basic problem in designing large wind-power machines is that they break down in *very strong winds*.

So there is renewed interest in the wind, in USSR. One main reason for this: they've developed an economic system for "storing" wind energy, for use on calm days.

The wind spins generators; their electricity output produces hydrogen gas (from water); this is burned to make steam . . . to spin the generators when no wind blows.

This is no "theory". Dr. Burkhanov points out that a station of this kind, delivering 2500 KW power, has proved practical in USSR. It will be useful to fill small local requirements.

A much bigger unit is now going to be tried. It has 8 wind generators mounted on a single structure that turns to face the wind. In practice, 25 such units will run together.

Both USA government and private firms are working on *gigantic* wind "mills", some with blades 300 feet long. But these units would produce only about 25,000 KW, the power of a small station.

So they frankly admit that wind-power costs are away over those of oil, coal, hydro or nuclear energy.

What the private-enterprisers are doing is *counting on government subsidies* — the taxpayer will pick up billion-dollar tabs for developing *uneconomic* wind stations.

Various methods have been worked out to "shut down" the rotors in high wind speeds, but all are costly and not always reliable. Contrary to popular notions, the *stronger* the wind the *less* easy it is to tap for power.

A new Soviet design is a big advance: six or more "small" rotors work in place of one very large rotor, and *only the blades spin*, the big generators remaining stationery.

These outfits are 600 feet high and will store wind energy by production of hydrogen.

They'll deliver 1,000,000 KW of power, putting them in the class of major power stations.

Soviet engineers find that huge rotors ("windmills") are not nearly so practical as multiple smaller units, which are more reliable and cost much less.

Soviet research has come up with another "wind-power storage" system, less complex than the hydrogen-steam system.

Wind-power is used to operate very large pumps, lifting water to high reservoirs used by hydro-electric power stations.

Thus on windy days, power is stored in the form of elevated water, which on calm days is allowed to flow down through ordinary turbines, producing electricity.

Most people picture wind-power as "free", supplied by nature. But to transform the wind into useful power is very expensive. Wind is *extremely destructive on machines*, especially during gales, and the *life-time* of wind stations is disturbingly short.

The aircraft manufacturer, **Boeing**, has the biggest USA project going, and believes its experience in aircraft wings will enable it to make profitable 5000 KW wind-power electric stations.

Recently wind-power engineering in USSR got a big boost by a scientific *survey of winds*. This is not yet complete, but already they've found regions very promising for getting energy from the wind.

In one spot near Lake Balkhash, in a Tien Shan mountain pass, a fierce gale blows *300 days per year!*

Many localities have winds that will deliver useful power for 9 to 10 months out of 12.

As of now, the estimated total wind-power blowing uselessly in USSR today is at least 20 billion Kilowatts . . . *60 times more power than the total they now use!*



Canada's role is central in



The salvation of Planet Earth

- o Even Adolph Hitler had limited "ambitions" compared to USA imperialism.
- o Our country is marked as the nearest and most vulnerable victim.
- o But resistance is fast building up, and the outcome concerns the whole world.

In its stepped-up drive to rule the entire capitalist world, USA is first aiming at taking over the North American continent: establishing total control over the energy and vast resources of Canada and Mexico.

While the government of Mexico is standing firm in its opposition to any such take-over, unfortunately we in Canada have a Liberal regime that blows hot one day, cool the next, for the cause of independence.

However, our political winds seem to be gaining essential force. In the past couple of years, sections of big capital in Canada have been waking to the fact that in today's world any new imperialism, arising in the White House or anywhere else, would be out of step with history. As such, it would be fatal for our country.

This approach, something new for Capitalism, is very difficult for financial powers-that-be, because it involves this conflict . . .

- o On the one hand, financiers in Canada see big profits in developing our country's resources themselves.

- o On the other hand, it is clear that some gigantic projects (in energy and research) can't be taken back from USA owners without government help, meaning nationalization.

You can see basic changes in Capitalism reflected very clearly in Canada. Thus, our traditionally "financier" party, the Tories, has lost banker backing. Because their venomous hate for Socialism (and USSR) has led them to sell right out to Washington, the Tories find themselves increasingly isolated from patriotic Canadians who see USA imperialism as the real threat.

Our phoney "socialist" party (NDP) is likewise caught in this jam: either it gives up to the Liberals, or it goes left, with the militant Trade Unions, and the Communist Party. To maintain its long-established policy of political double-talk, the NDP is swinging in all directions.

You will see these problems coming into sharp focus soon.

The struggle against USA domination will lead us inevitably towards real "Canadianization". That is to say, Canada for the Canadian people.

But in today's world economics must take second place in the policies of any capitalist nation. Imperialism, Washington style, is by no means limited to profit-grabs — the White House intends to lead with power, specifically nuclear weapons.

That is why we now hear strong voices calling for "the suffocation of armaments". A turn towards international sanity.

Specifically: let us declare Canada a nuclear-weapons-free zone.

Cut all military ties with USA.

Demand that USA and USSR both formally agree to respect our country as being out of the race towards war.

Already USSR has offered North Europe (Scandinavia) a guarantee against any nuclear attack, if it establishes a policy of a nuclear-free North Europe zone. No more USA missiles in that area.

Immediately, Canada should scrap its NORAD pact with USA. Under guise of "defending" USA we are actually inviting annihilation of Canada.

At the same time Canada should pull out entirely from NATO. All our forces should return home, here in Canada, where they belong.

Without giving up hope that a world nuclear war, involving USA and USSR, can be removed from humanity's future, Canada must follow its own course of national sanity — we must shake our country free from the murderous grip of the Pentagon and concentrate on saving our country.

Enough other nations are already committed to that policy, which will soon prevail widely enough to save the world.

The coming struggle to break the USA's grip on Canada is vital to the cause of all humanity, since every blow we deal against Washington helps to break another link in the chain of modern imperialism.

We must never forget that this is no "isolated" struggle. Today, as we have seen earlier in this series, most major capitalist nations realize that to fight Washington is to defend mankind. As USA policies move farther out of historic realities, more and more countries will join in the anti-imperialism drive.

This is not any "revolutionary war" against Capitalism. On the contrary, the USSR and other members of the socialist world are committed to aid all nations, regardless of their system, in the supreme task of saving Earth from destruction by nuclear-missile imperialism.

Socialism and Capitalism both are destined to participate in the urgent economic reorganization of our world. This is nothing short of planetary salvation. History will decide which system moves on into our Future.

If you think this sounds far too "radical", you may have missed an extremely important statement by Walter Gordon, former cabinet minister, and esteemed elder statesman.

On July 23 Gordon formulated a policy for Canada which NN has reproduced almost literally above!

Two years ago you could hear such a policy only by listening to the extreme Left. Now in 1981, it is "respectable" to millions of Canadians who have taken a stand in opposition to USA imperialism.

And our international policy is increasingly being tied to essential national goals.

- o Invest hundreds of billions now in basic industries to process our own resources, cutting off the drain of our wealth by USA industrial pirates.

- o Develop, in cooperation with Mexico and other "third world" nations, a total energy program, that will compel USA to bargain as a resources-poor country.

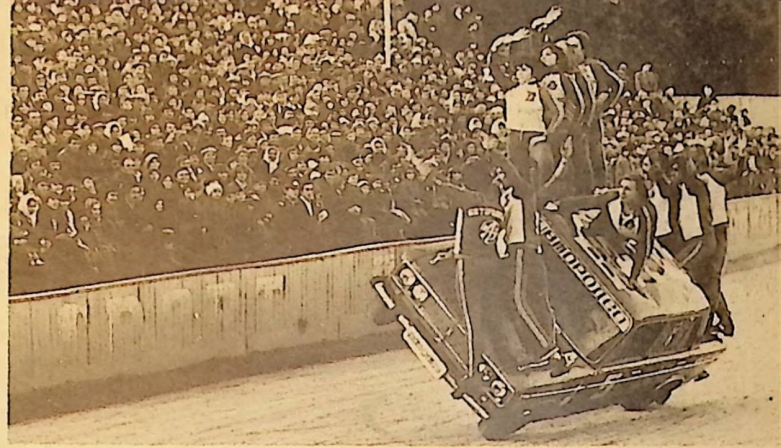
These steps will drastically reduce Canada's dependence on the USA's fragile economy; to begin with, Canadianizing our resources-and-energy will solve our monetary and unemployment crises, both of which are made-in-USA.

The billions of Canadian dollars we are pouring into USA, for ridiculous obsolete "defense" weapons, will enable us to finance Canadianization on a cash basis.

At the same time Canada will be in a position to speed development of less advanced countries, whose poverty is retarding the progress of our entire planet.

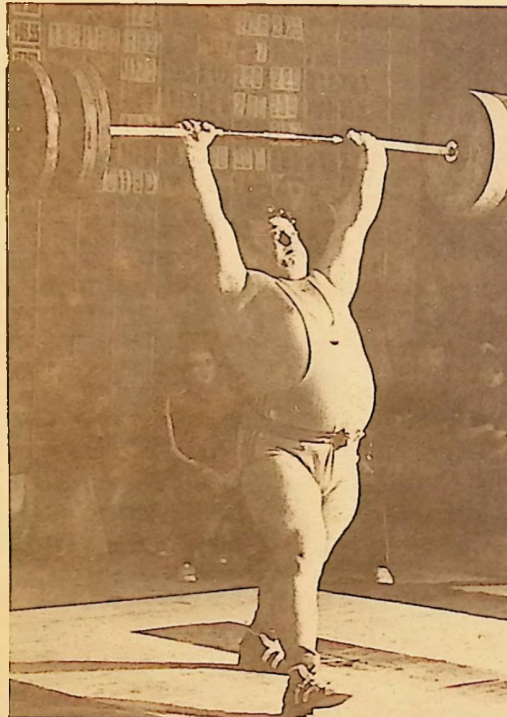


Most doctors in USSR are women. Here three of them make up a special travelling clinic, going the rounds at harvest time in "virgin lands" of Kazakhstan. Preventive medicine reaches every citizen in Socialism, so these Krasiyinsky State Farm combine operators are going to get checkups.



One of the newest big thrillers in Soviet Union is what they call the Auto Rodeo. You get an idea of how sturdy the Lada car is when you see it do this two-wheel stunt with that load many times daily. Rodeo is put on by the Volzhsky Auto Works. Girls as well as men are on this stunt team.

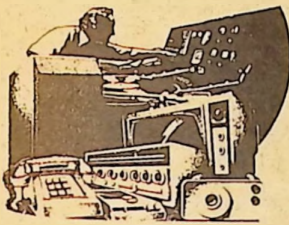
WHO ARE THEY?



Meet Vladimir Marchuk, who recently set a new world record of 257.5 kilograms in the jerk. Just 26, Vlad has already outdone the remarkable records of his predecessor, Vasily Alexeyev. With Vlad is his coach, Mikhail Akopyan, who just can't believe that those muscles can heave up so high.

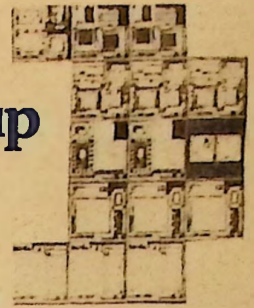


Here's an unusual living proof of the achievements of long-term Soviet scientific planning. These young people are studying in a junior Vocational Training program, in Dushambe, capital of the Tajik Soviet Socialist Republic. Formerly very backward, this nation now is moving rapidly into the future. How to make sure that the new generation won't suffer any unemployment? Soviet planners are very practical. On the one hand, these boys are learning highly skilled railway occupations. But not many girls like rail jobs... so they prefer School No. 47, where special classes introduce them to difficult modern technology in the textile industry. Tomorrow's jobs are assured for both sexes, in their system.



Our Future is speeding up

Here's your very brief survey of latest advances made in the West and in USSR



Talking to machines, already used for a few words of "instruction" is soon going to expand to include everything you say. Vast market exists for "listening machines" priced around \$500.

In a factory, a skilled worker will be able to speak directly to complex machine-tools, telling them exactly what to do, and probably will thus control 10 or more robots without ever touching them.

Newest "micro chip" device, no bigger than your little-finger nail, can hold ("remember") more than one million facts. As late as 1970 a chip holding a thousand facts was regarded as something fantastic.

Tiny (microscopic) "parts" of new devices replace thousands of bulky units now used in machinery, such as gears, cams, levers, switches, etc. And this revolution, experts say, is so new that you can regard it as similar to the petroleum industry 100 years ago ... when oil men thought they had only a substitute for whale oil!

But paper as well as many machines will soon be obsolete. Devices to "file" millions of documents will soon be the size of pocket calculators. Thus you will carry what a whole staff of file clerks must handle today. Millions of jobs will go.

Still, some scientists believe that just as petroleum "fired" a few crews of whaling-ships and opened new fields to employ tens of millions ... so will electronics create jobs on a scale we can't even picture.

A whole new electronic system is now on the horizon. Named after a scientist named Josephson, essence of this sweeping advance is a device that "switches" power incredibly faster than today's wonderful "chips". Indeed, they work at speeds of a trillionth of a second!

Because they use far less power, they can run in extremely small spaces, without over-heating.

Many believe that by 1990 you'll be able to operate a "Josephson Computer" taking 200 million facts per second. Entire computer, equal to one that fills a room today, would be the size of a baseball.

Coming closer, just to 1985, you are going to see manufacturers buying tiny "chips" worth 2000 million dollars per year in USA alone. These are new things, sold nowhere today. But experts predict that USA will lose this market to Japanese companies, whose scientists are more daring, and whose engineers move faster than the once-best USA staffs.

"Smaller is better" applies to electronics. One big truck can load millions of micro-electronic units, worth hundreds of millions of dollars, literally more valuable than gold.

No boss today can buy workers, as slave-owners once did. But the truth is that bosses right now are buying computers — paying millions of dollars for electronic workers who do the jobs which thousands of humans simply couldn't manage.

Socialism isn't behind, either. One skilled worker, in a lifetime, may absorb 1000 million "bits" of information, while the newest Soviet computer can pack in those facts in minutes, to hold a total of 30,000 million.

Can you believe ... that USSR computer in one sense equals 3 million humans!

So a new problem has arisen. Can scientists design and figure out how to use a device equal to millions of workers? Right now they can plan electronic systems which they can't yet make, even though they know how to make them!

The Japanese and USSR are going ahead so fast because, unlike USA, they mobilize all electronic scientists to cooperate.

In short: Science is hammering away at the very soul of Capitalism, its competitive drive.

It's clear to every scientist now that the government, the nation, is the only force big enough to direct future electronics.

You yourself can see proof of this. In both Canada and USA we once made the world's finest TV (and hi-fi) equipment. Japanese companies pooled their efforts, under government direction, and soon swept the world with far superior TV.

Now they're pre-viewing million-dollar computers as small as your typewriter.

These outfits will go into the "heads" of robots, making them at least partly intelligent. Many scientists believe that we can't even dream up the applications coming for these microscopic marvels.

Definitely: some of these applications will go to the military. But into what kind of weapons no one can guess right now.

Optimistic scientists believe that marvellous medical devices are coming; like artificial organs that are even "smarter" than what we're born with.

Today "our" companies make sets out of Japanese parts.

Unless some dramatic changes occur you'll see this happening even in military electronics.

Another revolution is coming.

In place of wires used in electronics today, you'll soon see ... light.

Over 500 big companies are racing now to "connect" the marvellous micro-electronic units with beams of light.

One glass fibre you can barely see can carry, on waves of light, a thousand million telephone conversations, without any interference.

That's just the beginning.

The kind of light rays called lasers work very much better.

Still another micro-system uses sound-waves plus laser-rays to give devices so efficient and cheap that we won't risk giving figures.

Greatest of all advances may have started over in USSR. Eminent scientists there have won a top prize for a revolutionary laser that can multiply light (like electronics amplifies sound in hi-fi sets).

Microscopes can't work past the point where strong light will burn what you look at. The new Soviet laser increases brightness 10,000 times with no heating.

So already they have "microscopes" which show you what they see not in a tiny eye-piece, but on a screen 20 feet wide by 20 feet high!

Soviet modesty: "We are just at the beginning of the road into a great future."

When the Working-Class Leads Sport



When you know that Socialism is the system in USSR; and Socialism means that society is run for the benefit of the working people; then it's only natural that Soviet workers direct such an important aspect of modern life as Sports of every description.

But over here not many people realize Soviet workers have the USSR's biggest, most powerful organizations: their Trade Unions. With over 125,000,000 members!

Trade Unions in Socialism are *very different* from ours. They don't function to fight the boss, since the "boss" in USSR is the working-class itself. One way you see this big difference is in their Unions' deep concern about public health.

The Soviet government (through the USSR Sports Committee, up at Cabinet level) plays a big role in Sports. But the Trade Unions, because they are the organizers of working-class power, exert tremendous influence on every sport. They own and operate immense facilities, supply an army of coaches and trainers, arrange countless competitions at every level . . . and pick up the tab for hundreds of millions of dollars per year.

Why? Not simply because people of all ages and both sexes love sport. But also because, in Socialism, the main aim of Trade Unions is to continually raise the well-being of all working-people and their families.

Recently, the place of Sports in this effort has been given higher priority. In 1970, Soviet Trade Unions counted some 25 million active sports enthusiasts. Today they number 10 million more.

Perhaps more significant is the fact that Soviet workers are now taking up over 50 Olympic sports. And big "team" sports — hockey, soccer, volleyball, basketball, etc. — now attract more than 11 million players for regular training and games!

Today the Unions in Socialism own and operate . . .

- 2500 big stadiums, 11,000 gymnasiums, 5000 skiing centres, 14,000 hockey rinks, 500 swimming pools.
- All over the USSR their Unions are building major sports enterprises, costing millions each.
- Many of the finest 1980 Olympic facilities were new, permanent centres built by Soviet Trade Unions.
- This expansion of workers' sports centers in USSR now costs over \$1,000,000,000 per year.
- So huge is their "sports network" now that at one time they can accommodate 15 million athletes!
- Either their sports enthusiasts pay *nothing at all* for equipment and facilities, or their annual "club fees" are around *one dollar*.

You can appreciate that this is "Big Business" in every sense of the term. It is operated democratically by 34 "Voluntary Sports Societies" (VSS) run by elected Councils. Today, about 9 million working men, women and youth take day-to-day part in managing Union sports affairs.

"Spartak" is the biggest VSS, with 11 million factory and office workers, and world famed.

"Trud" (Labor) has 6 million athletes, all from plants and offices inside the Russian Federation.

Other leading Societies are "Lokomotiv" (railway Union members); "Burevestnik" (for students, who are also in Trade Unions in USSR); "Urozhai", the Society for some 6 million Soviet rural athletes.

Looking "down" to the level of a single big industrial enterprise (Chelyabinsk Tractor Works) you find 25,000 unionists active in sports. They take part in 140 major contests per year. Besides, 18,000 of them go in for daily training *right on-the-job*.

In this plant 15,000 workers spend their vacations in health-sports centres owned by their Union, and many thousands go hiking, fishing, hunting, in spots provided for them at almost zero cost.

This is one of the Soviet plants that maintains a hockey team always up at national league level.

You can, no doubt, easily picture the factual situation we've reported here. But it's another question entirely when you look at sports and Trade Union life, over in Socialism. There, *sport is directly linked to effective work in production, and to people's health*.

Today, around half of all sports enthusiasts in their Unions are also "shock workers" on the job — meaning the **most productive and efficient** men and women.

At the same time over 16 million Soviet unionists, mostly *middle-aged* or older, belong to 300,000 groups dedicated to overcoming the effects of "modern work" . . . meaning jobs that don't call for physical effort.

Picture this: **exercise** is so important to women, as they pass their youth, that USSR Trade Unions have 23,000 "female sports specialists" working **full time** to help expand the movement of women-for-sports.

At the other end of the age scale, their Unions now send 12,500,000 youngsters to summer camps (cost is over a billion dollars) **for free**; every year a million boys and girls learn to swim.

Year round, 17 million Soviet youngsters enter *major national sports contests*, and many of them take classes in the 2,400 sports schools run by the Unions.

Not the "government" but the working-people themselves are all-powerful in Soviet sports. Very few Western sports writers got the message at the 1980 Olympics . . . like the fact that "Trud" alone sent *athletes who captured 21 Olympic medals!*

No other country in the world has Trade Unions that develop athletes by the millions, right on up to world championship levels.

Equally significant: every nationality in USSR has legions of men, women and youth, working as members of Trade Unions and active in sport.

No place in Socialism for *commercialism in sports*. Workers are the owners and leaders of athletics.

Here you can "have a chat" with thousands

You know how long NN was "sealed off" by the Postal Strike. But the day it ended, your letters began filling 'Box 1000' once again. Hope you get this NN reasonably soon!



"On June 5 I received my *April* issue of NN. Wondering if you can possibly tell me why they are so far behind? Because you were moving? Surely the mail couldn't be that slow, could it?" C.T.

Reply: We mail (moving or not) the first few days of each month. But a 2-months delay in delivery is really too much. All we can say is that the Post Office does not "discriminate" against NN. Sometimes we get "business" periodicals 6-weeks after they appear. In both Canada and USA there is still a delayed-mail problem.

"Received 'Wars and Population' by Uralanis. It's great. Please send 20 copies of 'Why Liberation will win for sure'. I find NN's publications very useful" H.O.Y.

"When the trouble began in Poland it seems everybody at the top, from President Reagan down, began to praise Trade Unions (Solidarity, I mean) like they'd just come into style. What happens? When the Air Controllers Union went on strike, Reagan did better than any union-buster, fired them all. Unions are okay if they're foreign?" T.F.

"Have been giving my NN's to other people and they never bring them back. So have to use Order Form in this old one I found. Please renew me for 30 issues, and keep change for NN donation." C.A.O.

"Payment for newest edition of *Problems of Science and Revolution*. I could use a lot more of your publications but with inflation I can't spare more." H.A.

"I've enjoyed your magazine so much, whenever I could get a copy at the Book Center here. So now this is to order a subscription for myself, and also one for my sister in Prince Edward Island. Also checked items from all the marvellous reading matter you offer. Note that I do want 'Soviet Literature' in German. I am Professor of German at the University here." P.S.

"I look forward to receiving NN more than any other mail I get. We are winning!" H.C.

"Some people opposed to dumping nuclear waste recommend a book by a defecting Soviet scientist who claims USSR had a terrible disaster in Siberia, with thousands killed and thousands of square miles badly contaminated. It would be good if NN could contradict this. While I realize that any country could have a catastrophe, it seems odd to me that our scientific community hasn't spent a lot of time, and publicity, on this terrible event in Siberia." C.K.

Reply: NN did "expose" this silly book. But Reader C.K. by himself got the main point. Many scientists in West showed that claims made in the book were ridiculous, since such a nuclear disaster, in today's world of intensive "monitoring" of radiation everywhere, would have been front page news as soon as it happened. *Any defector* will say *anything* to get published and make some good USA dollars.

"But why must the Soviet people have so many unpronounceable tongue-twisting names for people and places, so hard to say, to spell and remember! Wish they would 'reform', simplify their spelling." A.V.

Note: Once you learn Russian those awful names turn out to be quite simple. You should know what Soviet readers say about our names-and-places translated into Russian! Have you ever tried German?

"Here are people for your 'Four People Plan' (NN page-2). They should be good prospects for subscriptions." A.H.

Reply: Many thanks to all Readers who send in 'Plan' Names-and-Addresses. You'd be surprised to know how many people thus become permanent subscribers.

SPECIAL APPEAL to all NN Readers: A recent survey has shown that historical material regarding "The Left" in Canada is disappearing at an alarming rate. Many people who built up private "collections" of books, pamphlets, etc., have passed away without making any provision to preserve these valuable documents. In most cases, their heirs have simply thrown out "all that junk". But *Left History* is becoming extremely important in our country! Nothing from the past is "junk". All is precious. So NN is making this Appeal: let us know about **anything-and-everything** you have, in the way of progressive material issued in years gone by. We will make arrangements with The Charlotte Carter Memorial Fund Inc. to receive such material and arrange for its *permanent preservation*. Remember, all materials, regardless of their "slant" or "political bias". History respects only facts! Decide now not to abandon your collection, no matter how small or large. Please write NN's Editor about this. If you know of anyone else who has such material, we'd be very glad to hear from you. As Socialism spreads around our world, the Past becomes ever more valuable, for the People who will cherish it.

"I much enjoyed NN's article about the situation in Africa, since I once worked there. I wonder if you know that various financial papers are starting to run warnings about putting your money into South Africa (gold mines). The reason is that Unions are becoming more militant there. A lot of strikes and clashes with police. As for me I pin my hopes on the Black Working Class in Africa." D.D.

"Want to thank NN and staff for sending that lovely card to my husband, in hospital. It did us both a lot of good." B.M.

"Best wishes to NN's Cat *Maggie*. Hope she keeps up the struggle against infiltrating rodents in your new offices. We don't want any fascist rats there! By the way, my cat *Tiger* looks enough like *Maggie* to be her brother." I.O.

"I enjoyed my trip to the USSR last year. It's shameful, or even worse, that we live in a system here so bent on deceit and destruction. Enclosing donation and order for books." D.H.

"When I look over the pile of books and papers I've had from you people I am astonished. Now I can see that this explains why I am able to talk smartly about the news." F.L.A.

"NN has asked if anybody is interested in taking a Tour to Vietnam. You can put me down for sure. I don't know any place in the world I'd rather see than Vietnam. I have a feeling that if you can set up such a Tour you will get many customers. Remember the Far East (Asia) is 'glamorous' to most people. Many like to visit the tropics. So even if the 'politics' is left out, I still see Vietnam as a terrific place to visit." M.M.

Note: Harmony Travel is working on it!

"Have been reading NN for 25 years. Obvious extensive research done for each issue, with your limited staff, never ceases to amaze me. Living proof that unselfish efforts by so few can spread truth to so many." G.F.

"My wife and I recalled last night the many, many stories run in the papers some years back, telling us how hard done by the Soviet women are. Reporters would tell about Soviet girls doing what they called 'man's work', like in construction, street paving, and so on. Now what do we see? No more crocodile tears shed for hard-working Soviet girls. Our girls are falling all over themselves to get jobs as oil field workers (dirtiest, hardest work in the world), railway brakemen (women), even auto and steel jobs. This is fine for our girls, see? They call it Women's Lib. Somebody should gather all those old anti-Soviet stories and show how the girls over there had 'Lib' before we knew what the word meant. But I think the biggest joke, which I get from reading my wife's 'Soviet Woman' magazines, is that some of those hard jobs are now being prohibited for girls in the USSR. Doctors find some men's work is harmful to women intending to become mothers." K.L.E.

What a relief to read good news!

No newspaper closing down in USSR — reporting real life makes them so popular

AT LAST A WAY TO MAKE SUGAR "HEALTHY". Surprisingly, this came from scientists in the Thermal Physics Institute of Ukraine. Starting from medical recommendations that we should eat less refined (purified) sugar, researchers began entirely new studies of process by which white sugar is made from sugar-beets. Result: **Beet Powder**. Contains 70 percent saccharose (sugar) but other 30 percent is valuable nutritional substances, including vitamins. Delicious by itself, new sweetener is intended for jams and other fruit products.

WESTERN SPACE COMMENTATORS were caught off base, when they "finished" the USSR's famous *Salyut-6* orbiting laboratory. After the 28th spaceman completed work in this craft, it was said to be useless for further research. But now another ship, *Cosmos-1267*, has gone up there and linked (automatically) with the *Salyut*. This is so important that Cosmonaut Feoktistov says the joined craft will soon be part of a new "space family". Some such units will be laboratories. Others will serve as observatories of Earth and the cosmos. Some will be "factories" using zero-gravity and super-cold. Finally, specialized ships will be the first Space "Rest Homes" where astronauts can relax.

FOR FIRST TIME IN HISTORY, the best authors of Asia and Africa will appear in a major world language: Russian. Already, Moscow publisher has issued five volumes, half of the proposed "library". Purpose is to make available to Soviet readers (and to all who read Russian round the world) access to extremely rich literature of many countries, so far almost unknown in world cultural circles. Large edition is being sold out as fast as it appears. Such a program is being attempted nowhere in the capitalist world.

ANOTHER FAMOUS SPORTS COUPLE GOT MARRIED, when Natalia Linichuk (25) and Gennady Karponosov (31) decided that getting along perfectly on ice — they won 1980 Olympic ice-dance title — was best start for a happy life. But millions of their fans were saddened to learn that the newlyweds will make their final competitive appearance next December. They plan to take up sports training.

\$15,000,000 IS COST OF RE-FITTING A SHIP, when it's converted to Soviet standards for Tourist Cruise Liners. Latest is the *Kareliya*. It is now in Britain's South Shields shipyard, where it will be turned into a luxury liner for 650 passengers. It is owned by Black Sea Steamship Co. Same British yards have converted 18 other Soviet ships recently. Reason: these liners flying the Red Flag are extremely popular with cruise tourists. This year, 30 European (all capitalist) firms chartered Soviet liners for holidayers. Accommodation, food, entertainment and service are rated tops, yet these Soviet vessels are considerably more economic than others.

DRAINING THE BOGS OF BYELORUSSIA is proving to be exceptionally profitable. These notorious flatland marshes (called *Polesye*) are very fertile but hopelessly wet. Properly drained, they're giving collective farmers from 45 to 67 bushels per acre of grain, with almost unbelievable yields of potatoes. Already farmers are planting 1,650,000 acres of former bogland and will get another 100,000 per year. However, immense areas will be left as marshes, for wildlife.

ANCIENT MAN IS OLDER THAN WE THINK, in Central Asia. New discovery in Tajikistan has found tools 500,000 years old. This region was known to be very rich in forests and animals millions of years ago. But very old "humanoid" findings were earlier restricted to Africa. Now Soviet anthropologists are speeding efforts to find remains of tool-users who might have lived 2 or 3 million years before us.

RACING "GO-KARTS" IS A REAL SPORT IN USSR, even though they have no commercial kart tracks as we do. Like all sports in Socialism, youngsters can take up karting at very low cost. Many centers now have races every week. Just in Latvia alone they have 11 kart tracks. They feature extremely tight curves. But in spite of the hairpins, many Soviet karts get up to 110 miles per hour. So it is very thrilling for drivers and spectators.

OUR WORLD HAS A HUGE NEW LAKE, so far un-named. Discovered high in Pamir Mountains. Was "born" 70 years ago in terrible 1911 earthquake, which "bottled up" the big Tajik river Bartang. Now it's a beautiful body of water, 35 miles long, soon to be opened up.

OVER 2 MILLION BOYS AND GIRLS competed for places in the Russian Language Olympics, held in Moscow each June. Preliminaries were held in 45 countries, all 5 continents. Surprising: this year the contestants showed remarkably good knowledge of Russian. So the finals featured very advanced tests. Every contestant gets a diploma and takes a holiday tour of USSR afterwards.

SUMMER WAS VERY HOT in USSR this year. So people drank rivers of kvass, the age-old drink made from rye bread, with sugar and yeast. It's slightly effervescent and wonderfully thirst-quenching. In Moscow alone on a hot day people buy over a million quarts of kvass. Price (large Canadian quart) is about 15 cents.

USSR NOW HAS ONE MILLION DOCTORS, with 50,000 more graduating each year. Now the big drive is for more specialists. Their system today starts doctors (in practice) with *correspondence courses*. Then the candidate for a specialty trains for months with a local specialist. Finally he or she goes to Moscow for advanced college courses. They are now equipped to "process" some 15,000 physicians per year in this way.

BY END OF 1985 CITY OF BRYANSK will have 400,000 rose bushes, one for every inhabitant. It's no dream-plan. Already this summer they set out 53,000 bushes, all from Socialist Bulgaria... famed for its roses (and rose-perfume extracts).

FAMOUS ASIAN HEALTH DRINK, called koumiss, has long been prepared exclusively from mare's milk, by a difficult process of fermentation. Now Byelorussian biochemists have cooperated with Bashkir Dairy Industry to make koumiss from cow's milk. One plant, at Sterlitamak, is turning out 10 tons per shift, and its medicinal value is said to be equal to "original". This opens the way to making koumiss widely available.

NEW TYPE OF AGRICULTURAL COLLEGE has appeared in USSR. Typical is Nemeshayev Technical College with 2000 students. Boys and girls operate a farm of 8,750 acres: stock, dairy, grain and even fish-farming. Some 34 colleges of this type are open now in Ukraine.

CHILDREN'S THEATRE ON ICE is world's first. Set up by workers in big Moscow car factory. Not satisfied with the usual "ice-capade" musical shows, they decided to create real plays with all parts played by skaters. Now have 85 in the "company", and they're so good they've been on a summer tour.

MAY SEEM AMUSING TO SOME, but Socialism now has a Chamber of Commerce without a single free-enterpriser in it. But Moscow C-C has won high prestige in Capitalism. Over 3000 foreign business-men personally visited the C-C in the Soviet capital this past year. In turn, some 100 Soviet delegations went to 80 countries that deal with the C-C. More than 20 million Soviet people visited foreign exhibitions brought to USSR by C-C arrangements. In turn, 55 big Soviet exhibitions were open in the West. Truth is that doing business with Socialism is "in" today.

WINTER ALWAYS WAS GRIM in the Verkhniye Roki region of Soviet Georgia, when snowstorms shut down all communication except radio. So they're digging a 2-and-a-half mile tunnel through solid mountain. When it's done, a marvellously beautiful region will open to vacationers and climbers.

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I'd like to send "NN" as a YEAR-ROUND GIFT at the CHRISTMAS - NEW YEAR DISCOUNT PRICES.
Please enter SUBS for the people I've listed below, for 10- or 30-months Subs, as I've checked.

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ADDRESS.

N A M E.
ADDRESS.

10-months: 30-months:

10-months: 30-months:

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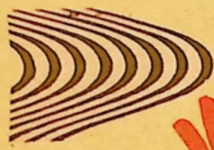
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Please send GIFT ANNOUNCEMENT CARD
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MAIL COUPON! SAVES YOU MONEY. TIME.



Please send me the items I have checked below, from this and recent issues of 'NN':



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When saying 'Merry Christmas' is not enough, and you want to send a Gift that will be remembered, and enjoyed, all year (or even for three years!) check the Soviet Publications described on Page-17. To order ANY of them, just use handy Coupon lower down on this page.

SAVE PLENTY on your Greeting Cards this year, using one or all of NN's EXCLUSIVE cards. See Page-18 for details. You can order right here - All are SAME PRICES - Set of 10 with Envelopes \$1.90..... 100 without Envelopes \$12..... Check which ones you want - NEW 'DOVES OF PEACE'..... "PEACE UNTO OUR PLANET EARTH"..... "SOCIALIST GREETINGS!"

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I want 1 copy (\$3) _____ 2 copies (\$5) _____ 5 copies (\$10) _____ 12 copies (\$21) _____

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Yes, I want to enclose Greeting Cards with my Gift Books. Please send me one card for each Book ordered above. I want: "Peace Unto Our Planet Earth" — "Socialist Greetings!" —

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