

The Appalachian General #68

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CONTEST

The World Championship of the second best sport in the world will be held this summer. That's right, The World Cup. The world championship of the most popular sport on the earth, football. And to celebrate this event, The Appalachian General is holding a contest to pick the winner. But first, the teams that made it this year.

Group_A
Austria
Czechoslovakia
Italy
United States

Group_B
Argentina
Cameroon
Soviet Union
Rumania

Group_C
Brazil
Costa Rica
Scotland
Sweden

Group_D
Columbia
United Arab Emirates
West Germany
Yugoslavin

Group_E
Belgium
South Korea
Spain
Uruguay

Group_F
Egypt
England
Ireland
Netherlands

Pick the Winner - 2 free issues
+ Runner up - + 2 free issues
+ 6 Divisional champs - FREE ONE YEAR SUB
+ 16 2nd Round teams - FREE LIFETIME SUB

Pick the Score in the finals - 1 free issue
Pick the 16 2nd Round Teams - 4 free issues

DEADLINE IS 7 JUNE 1990.

And remember, the USA plays:

Czechoslovakia on 10 June, Italy on 14 June, Austria on 19 June.

A geologic facility that will safely store the nation's nuclear waste for at least 10,000 years? That's what a team of experts, including a Virginia Tech specialist in safety engineering, is looking for.

The Nuclear Waste Technical Review Board is an independent group of 11 scientists and engineers, nominated by the National Academy of Sciences and appointed by the president. The board oversees some 800 scientists and engineers who are currently assessing Nevada's Yucca Mountain as a possible site for permanently storing the nation's spent fuel, or waste resulting from electricity production at nuclear power plants.

Currently, virtually all such waste material is stored at the power plants. Nine states receive more than 40 per cent of their electricity from nuclear generators—in Virginia, the proportion is 52 per cent. The nation as a whole has accumulated over 20,000 metric tons of nuclear waste. The repository site, when selected, will store this spent fuel as well as "high-level" radioactive waste resulting from the production of defense materials.

The board is also reviewing studies and plans of the Department of Energy (DOE) for packaging and transporting high-level waste and spent nuclear fuel. These are all extremely complex efforts, involving a host of social, physical, economic, and engineering issues, says Dennis Price, the Tech professor appointed to the board.

Among them is the geological suitability of Yucca Mountain as a repository. Located about 100 miles northwest of Las Vegas, it is the only site authorized by Congress for study at this time. Its selection for study has stirred up public controversy in Nevada, whose governor has issued a strong statement of opposition to the location of a repository there.

The factors favoring Yucca Mountain include its arid climate and rock formation. If Yucca Mountain were chosen, radioactive waste would be placed in rock 1,000 feet below the surface, to be held there until it no longer poses a radioactive hazard, says Price. (Although spent fuel and high-level radioac-

tive waste lose about 50 percent of their radioactivity after three months of storage, and 80 percent after a year of storage, the remainder lingers for millenia.)

"What's awesome, in my mind, is that we're trying to plan a facility to contain hazardous material safely for at least 10,000 years." It's a planning horizon that's unique in human history, Price says. The waste would be permanently sealed off after the first 50 years of storage—a grace period in case it becomes necessary to move the waste for any reason.

Price, who specializes in the transportation of hazardous materials, is chairing a subgroup of the board, the container and transportation panel, which has identified several issues.

For example, how would the waste be shipped? What combinations of truck, train or barge would be used? What would be the best routes? What standards of inspection should be set for the vehicles? To what extent should the shipments be monitored in transit? What would be a safe container?

To ensure safe designs, the DOE has performed some spectacular crash tests of shipping casks. Trucks loaded with casks have been crashed at 85 mph into a concrete bulkhead, rammed broadside by rocket-propelled locomotives, and dropped from airplanes. The casks have withstood these tests with no leakage of radioactive material to the environment.

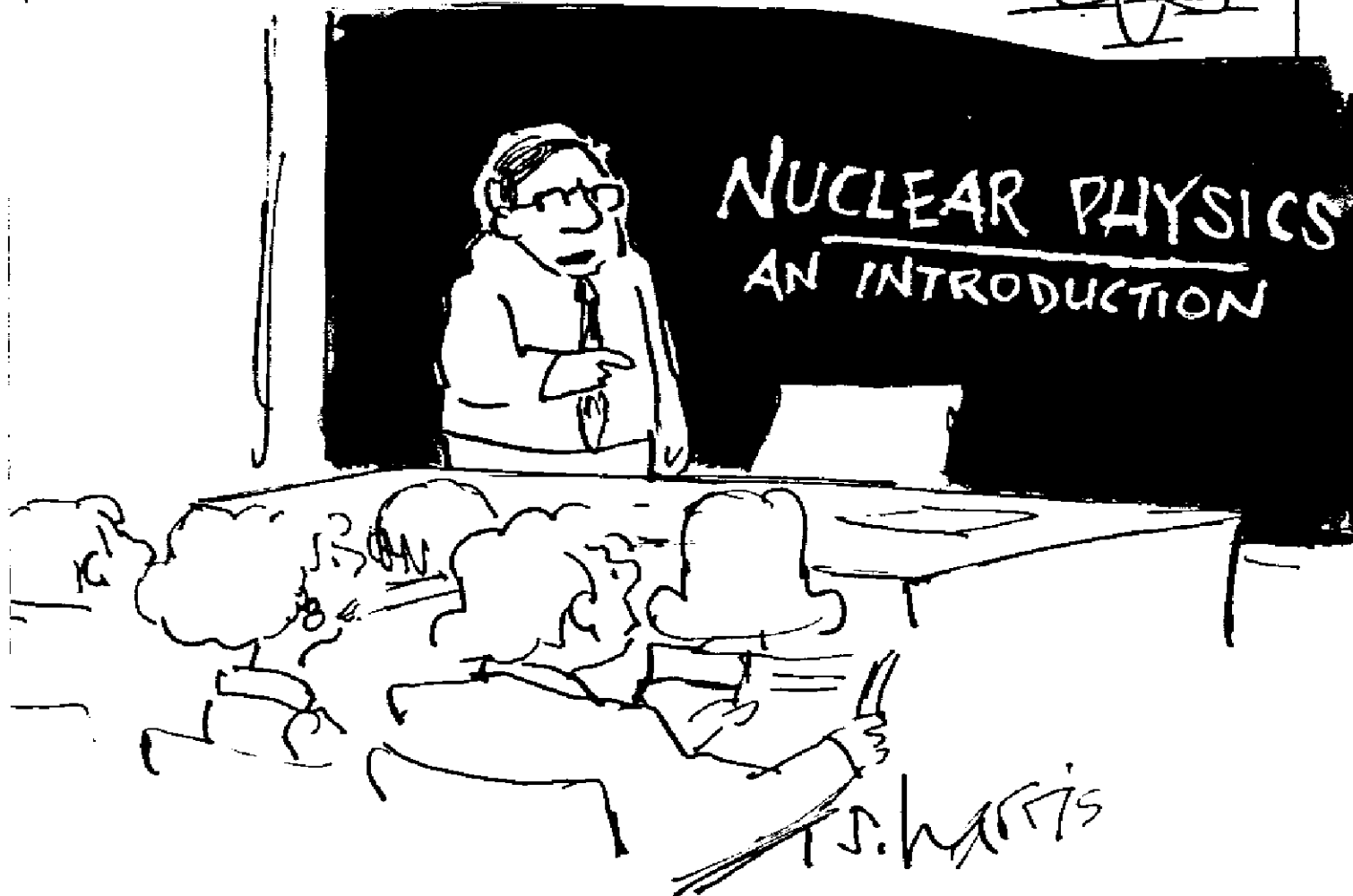
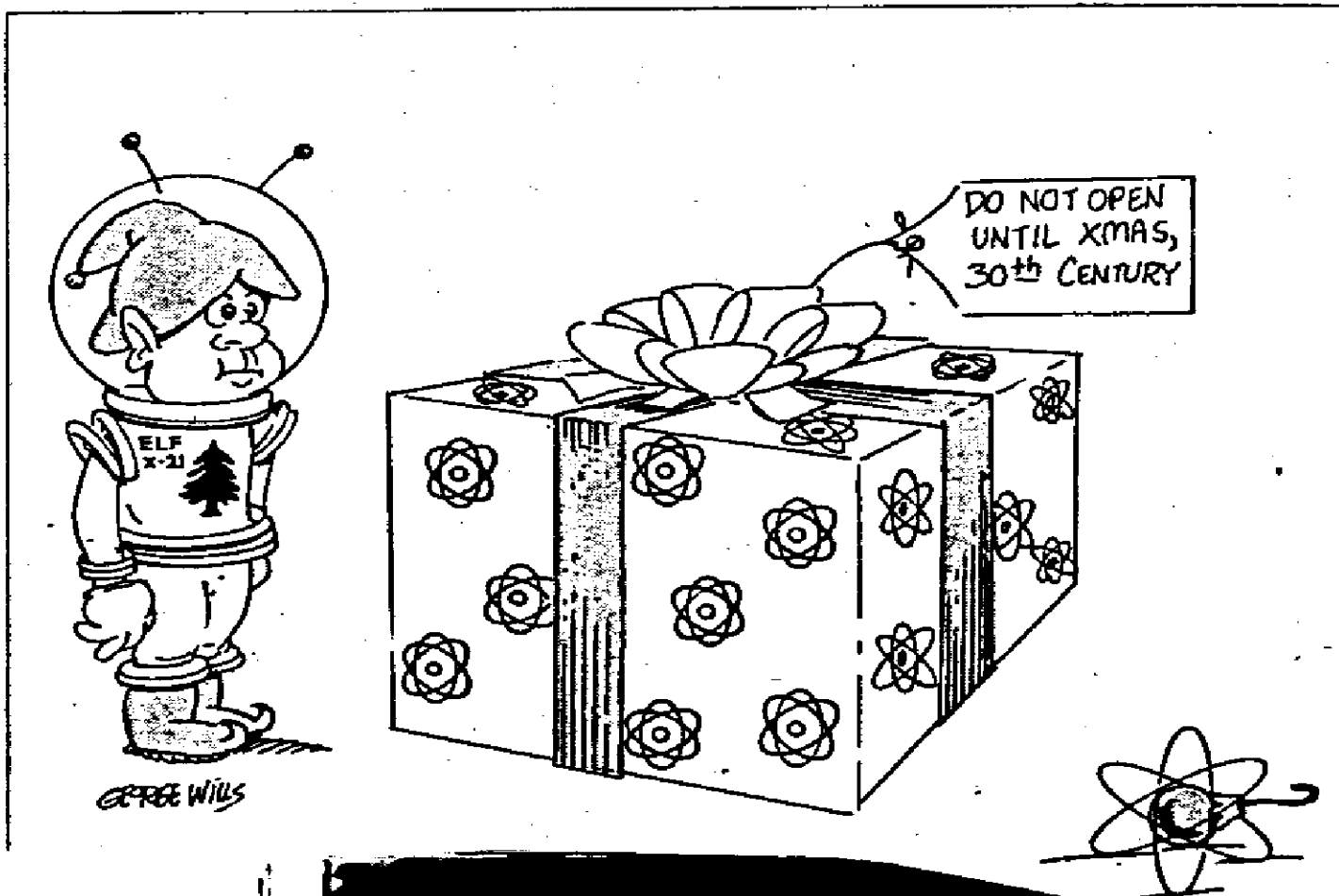
The criteria for acceptable cask design include a 30 foot drop onto an unyielding surface, followed by a drop of one meter onto a vertical bar, exposure to an 800 degree C fire for 30 minutes, and, finally, an eight-hour immersion in water. The panel must decide if these are adequate criteria for cask safety.

If approved, delivery of nuclear waste to Yucca Mountain will start in 2010.

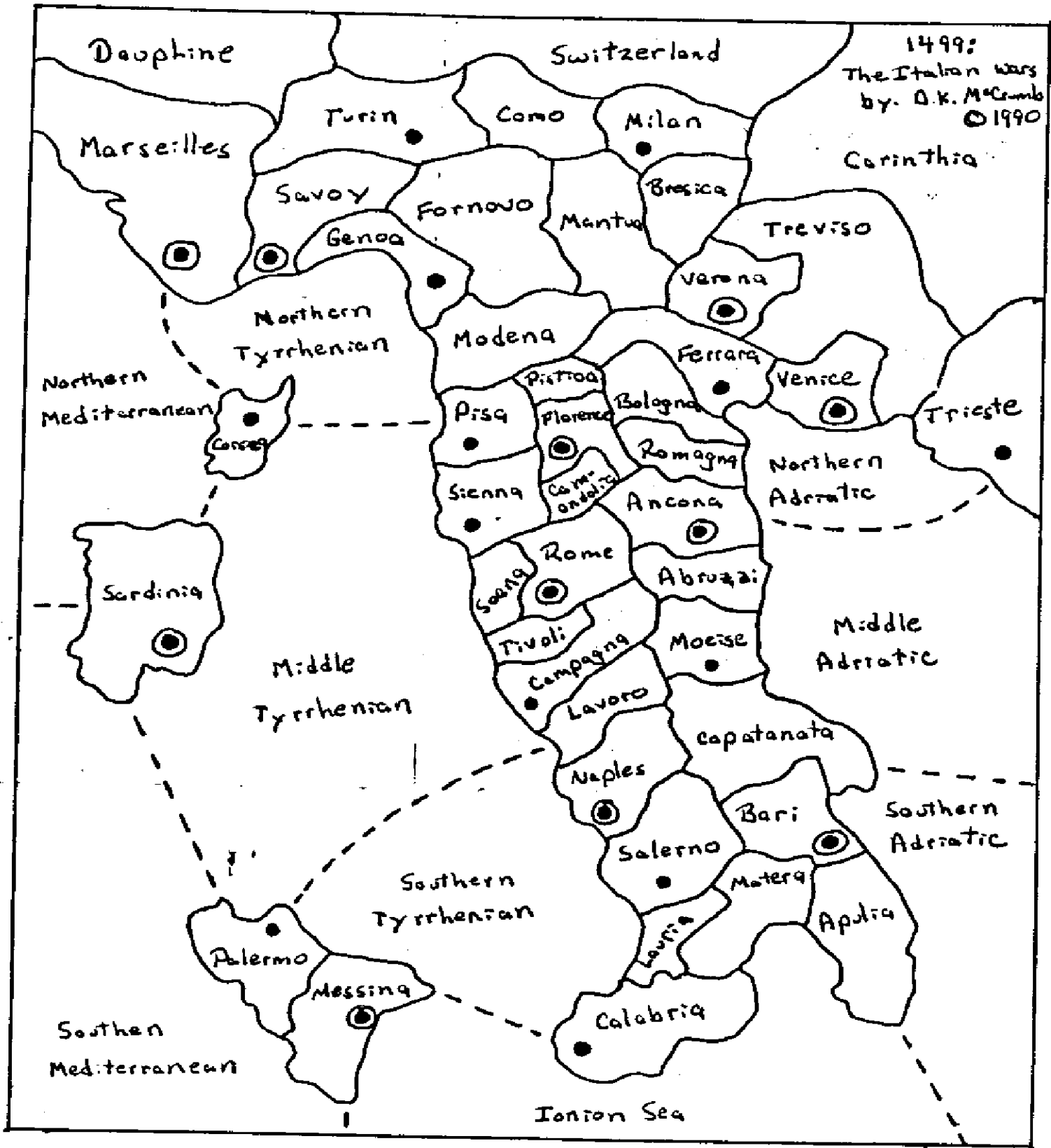
Nuclear waste is a controversial problem, Price acknowledges, but it must be addressed. "The waste is here now. You have to do something about it, whether you're pro- or anti-nuclear.

"The feeling in Congress is that the problem must not be passed on to future generations. We created this problem, and we must solve it."

Hold that nuclear waste—for 10,000 years



"First and foremost, the word is not 'nucular.'"



1499: THE ITALIAN WARS

1. Standard Diplomacy rules apply (version used is at the discretion of the GM), with the following exceptions:
2. The game begins in 1499.
3. The Great Powers and their starting positions are:
 FRANCE: Fleet Marseilles, Army Savoy.
 NAPLES: Fleet Naples, Army Bari.
 PAPACY: Army Ancona, Army Rome.
 SPAIN: Fleet Sardinia, Fleet Messina.
 VENICE: Fleet Venice, Army Verona.
4. Victory is achieved by control of 13 of the 24 supply centers.
5. If owned, the following Powers may build fleets in these centers:
 France - Ferrara
 Papacy - Sienna
 Venice - Genoa

THE "SECRETARIES OF WAR" GAMES

7x7 Gunboat Diplomacy

GM: David Mc/Crumb, Rt. 1, Box 10, Shawsville, VA 24162

Lewis Cass (1987Jrb32) Spring 1914

AUSTRIA: Constant. 1A Ser (S) 4A Rum, 2A Tri-Bud, 4A Rum (S)
 6A War-Ukr, 5A Pru-War, 6A War-Ukr, 7A Ven_H/dsl(Tri,Tus,otb),
 8A Tyo (S) 7A Ven.
 ENGLAND: Builds 6A Lon. 1A Pie (S) ITALIAN 1A Apu-Ven, 2A StP (S)
 TURKISH 5A Mos/NSO, 4A Bre (S) 6A Lon-Pic, 5A Nwy (S) 2A StP,
 6A Lon-Pic, 1F Hol-Kie/dsl(Hel,Nth,otb), 3F Den (S) 1F Hol-Kie,
 4F Mid-Naf, 5F Spa(sc)-Mar, 6F WMed-Trn, 7F Eng (C) 6A Lon-Pic.
 FRANCE: Removes 1F GoL. 1A Kie (S) 4A Bel-Hol, 2A Ber (S) 1A Kie,
 4A Bel-Hol, 6A Mun-Bur, 7A Mar-Gas, 8A Par (S) 7A Mar-Gas.
 ITALY: Constant. 1A Apu-Ven, 3A Rom (S) 1A Apu-Ven.
 TURKEY: Builds 4F Con. 1A Lvn-Mos, 4A Gre (S) 6A Bul, 5A Mos-Sev,
 6A Bul (S) AUSTRIAN 1A Ser, 1F Bla-Con, 2F Tun-Naf, 3F Ion-Trn,
 4F Con-Aeg.

Old Proposal: None.

New Proposal: None.

James Porter (1987Prb32) Fall 1914

RETREATS: English 5F Swe-GoB.
 AUSTRIA: 5A Ber (S) 7A Mun, 7A Mun (S) 5A Ber/dsl(Bur,otb), 8A Kie (S)
 5A Ber.
 ENGLAND: 1A Gas (S) 2A Mar, 2A Mar (S) 2F Spa(sc), 3A StP (S) RUSSIAN
 6A Mos, 4A Ruh (S) AUSTRIAN 7A Mun, 5A Nwy (S) 5F GoB-Swe,
 2F Spa(sc) (S) 6F Eng-Mid, 4F Nth (S) 7F Den, 5F GoB-Swe,
 6F Eng-Mid, 7F Den (S) 5F GoB-Swe, 8F Por (S) 2F Spa(sc),
 9F Iri (S) 6F Eng-Mid.
 GERMANY: 4A Swe (S) 2F Bal-Den/dsl(Fin,otb), 2F Bal-Den.
 RUSSIA: 6A Mos H.
 TURKEY: 2A Boh-Mun, 3A Pie (S) 2F GoL-Mar, 4A Sil (S) 2A Boh-Mun,
 5A Tyo (S) 2A Boh-Mun, 6A Pru-Ber, 7A Gal-Boh, 8A War-Lvn,
 9A Ukr-War, 10A Sev (S) 11A Rum-Ukr, 11A Rum-Ukr, 1F Bla-Con,
 2F GoL-Mar, 3F Naf H/UNO, 4F Tus-GoL, 5F WMed-Spa(sc), 6F Tun-Trn.

Old Proposal: 10) T win 1 YES, 1 NO, 3 ABSTAIN

New Proposal: None.

AUSTRIA: (mun) Ber Kie.....2 Remove 1*
 ENGLAND: Edi Lon lpl Bre Por Par Spa Mar Bel Hol..
 Swe StP Nwy Den.....14 Builds 2
 GERMANY: (den)(nwy).....0 Remove 2@
 RUSSIA: Mos.....1 Constant
 TURKEY: Ank Con Smy Bul Tun Gre Ser Rom Tri Bud..
 Ven Nap Vie Sev Rum War Mun.....17 Builds 1

*Austria will be Constant if they retreat otb.

@German retreat does not matter, and Germany is OUT!

DIP: The due date is listed on page 2.

RETREATS: Austrian F WAtl-Bel; English A Arg-Chi; Netherlands
F Vza-Sur; Russian F NPac-Cal; Spanish A Eth-otb, A Bdx-otb.

AUSTRIA (Neill Goltz, 600 W. Franklin, Apt #307, Minneapolis, MN 55405)
Builds F Mex(wc). Has F NPac, F Gca, F Tar, A Hon, A Tex, F Bel,
A Pol, A Sil, A Sav, F Ppl(wc), F Nap, F Gre, A Bos, A Vie.

CHINA (Lee Kendter, Jr., 264 Spruce Court, Bensalem, PA 19020)
Build A Pek, F Ctn. Has A Afg, A Pua, A Mah, A Kas, A Ben, A Tib,
A Brm, F WPac, F Scs, F Ecs, F Ara, F Nwg, F Pyn.

ENGLAND (Fred Hyatt, 60 Grandview Place, Montclair, NJ 07043)
Builds F Edi, A Nig, F Mla. Has F Gpa, F Gme, A Vza, F Car, A Chi,
A Bra, F Mao, F Nao, F Iri, A Ant, F Eng, F Hel, F Nth, A Num,
A Egy, A Sud, A Sia, F Cey, F And, F Eio.

FRANCE (Mike Gonsalves, 203 Brookside Terrace, Hagerstown, MD 21740)
Builds A Tou, F Dak, F Fla, A Que. Has F Wao, F Gra, A Lou, A Vir,
A Bur, A Bdx, A Par, F Sah, A Gha, A Tau.

NETHERLANDS (Bill Wulff, 1605 Craighton Court, Arlington, TX 76011)
Removes A Gab. Has A Pru, F Hag, A Rhi, A Han, A Bav, F Sur, A
Rio, A Bol, A Kam, A Kat, F Ggu, A Gab, A Cir, A Kha, A Niz, F Bbe.

OTTOMAN (Stan Johnson, 10 Pine Street, Edison, NJ 08817)
Remove A Bul, F Som. Has A Mat, A Jer, A Ist, A Arm, A Bag, F Som,
A Bul, A Eth, F Ems, F Ars, F Ion, F Red, A Bah, F Arg.

PORTUGAL (Dave Bongard, 7912 Towerbell Court, Annandale, VA 22003)
Builds A Ala, F Lag, A Lis, A Cpc. Has A Mad, A Ore, A Man, A Ken,
F Gaa, F Ber, F Die, F Sio, F Azo, F Val, F Mor, F Moz, F Ecu.

RUSSIA (Tom Nash, 5512 Pilgram Road, Baltimore, MD 21214)
Builds F Mbo, A Cri. Has A StP, A Lit, A Rom, F Bal, A Swe, A Den,
F Bla, A Per, A Cau, A Tur, A Ura, F Ano, F Wak, F Spo, F Cor,
F Cal, F Jap, F Sib.

SPAIN (Civil Disorder) Removes A Ang. Has F Iwo.

DIP: The Spring 1755 moves will be due by the date listed on Page 2.
There were several requests for a season separation, some of them almost
to the point of begging. Also, Neill Goltz did not receive his zine
until just a couple of days before the deadline. In fact, the second
copy I sent him arrived four days before the first copy.

Please note the address change for Bill Wulff. Also, effective 10
May, Tom Nash will have a new address: 202 Settler's Road, Saint Simons
Island, GA 31522.

ENGLAND:	Edi	Lon	Lpl	Bel	Por.....	5					
GERMANY:	Hol	Mar	Par.....			3					
ITALY:	Nap	Rom.....				2					
RUSSIA:	Mos	Sev	StP	War	Rum	Bud	Nwy	Ser	Tri	Vie..	
	Den	Mun	Kie	Ber	Swe	Ven	Spa.....				17
TURKEY:	Ank	Con	Smy	Bul	Gre	Tun	Bre.....				7

press press press press

"The Spanish, of course, had all the rights on their side: they had committed on aggression on Portugal, and had in fact been a proper neighbor; the Portuguese had given no warning of their attack, and had struck when the bulk of Spanish forces were deployed to the north; and last, the Spanish had trouble enough elsewhere in their far-flung but rapidly shrinking empire. In sum, the Portuguese offensive into Castile and Andulasia was vicious, treacherous, and (the real measure of Joao IV's canniness) it was both efficient and brutally effective. Spain was ruined, and Portugal was delivered from the threat of Spanish invasion."

Felix Gilbert, General Editor. The Norton History of Modern Europe, W.W. Norton and Co., New York, 1971. Chapter 20, "The Enlightened Absolutists Abroad," pp. 669-691.

"Well, my dear Count, it is well we travelled here from Madrid when we did, even though we had to endure the pleasures of midsummer in Estremadura."

"Indeed, Hadziwill. Not only did we escape the vagaries of war, but we are here in Lisbon just in time to witness a marked rise in Portuguese fortunes."

Does that mean you still want to go to Vienna come spring, or no?"

"Alas, we must still go there. Great events are afoot, and we must all make our sacrifices to take part in them."

(Balmoral Castle, Winter 1754)

"Your Excellency!"

"Yes, Harcourt, what is it?"

"Decryption has finally finished with that Dutch interception from last July, sir. We can't determine whether it's a code phrase of merely a general order. It's just three words, sir. "EXECUTE PERFIDIOUS ALBION"."

"And what's that supposed to mean?"

"Us, sir."

Otto-Eng: Your reach should not exceed your grasp!

CATCH (1987CJ)

Diplomacy

Fall 1911
GAME DELAYED

ENGLAND (Neill Goltz, 600 W. Franklin, Apt #307, Minneapolis, MN 55405)
2A Yor, 2F Nth, 3F Nrg, 4F Edi, 5F Bel.

GERMANY (Tony Brooks, 789 Forsythe Terrace, Severna Park, MD 21146)
1A Hol, 4A Bur, 2F Hel.

ITALY (Vince Lutterbie, 1021 Stonehaven, Marshall, MO 65340)
2F Tus, 3F Apu.

RUSSIA (John Crosby, 9031 Cardiff Road, Richmond, VA 23235)
1A Tri, 2A Spa, 3A Pie, 4A Ser, 5A Ruh, 6A Kie, 7A Mun, 8A Nwy,
9A Rum, 10A Sil, 1F Sev, 2F Den, 3F Ska, 4F Swe, 5F Bal, 6F Bar,
7F Lvn.

TURKEY (David Hood, 15-F Estes Park, Carrboro, NC 27510)
3A Arm, 1F GoL, 2F Mid, 3F Bul(ec), 4F Nap, 5F Gre, 6F Bla.

DIP: The Fall 1911 moves are due by the date listed on page 2.
Neill Goltz received his copy of TAG late. In fact, the original copy arrived four days after the second copy I sent him. He asked for a delay to conduct some negotiations. Also, the Russian unit 10A War-Sil was not listed last turn. Please note this if you wish to submit new orders. I have orders on file for everybody except England, but some of you may wish to change them now.

This is THE APPALACHIAN GENERAL. It is an occasional home for games of Diplomacy, but the many variants based on it are more likely to be found within its cover. Subscriptions cost \$1.00 per issue. This is the first price increase in three years and is made available to you courtesy of the United States Post Office. This thing is brought to you by:
David McCrumb, Route 1, Box 10, Shawsville, VA 24162
703-268-9745 or waste@vtvml.cc.vt.edu

GAME OPENING: ONE. In 1499. Rules and map enclosed. no game fee.

Tupungato and Catch are due by 26 May 1990.
SOW, Warships, Trouble Spots are due by 16 May 1990.

1 May 1990

Notes from Appalachia

I will be opening more games in June. I have had a few suggestions for variants, but not many. Stay tuned.

Enclosed is a ballot for this years hobby awards. I felt that each category had four very good nominees and one excellent choice. My only disappointment was that Eric Klien, who is doing so much for the e-mail hobby, was not included on the Walker ballot. Maybe next year. One plus was that it made my vote for that category that much easier. Anyway, please vote. I know it meant a lot to me the year I won the Koning Award (even though I wasn't sure I deserved it). By the way, this insert has nothing on the back, same as with the Runestone Ballot last issue.

TAG TEAM: Crosby, Gonsolves, McCrumb, Murry, need three more

This is my last plug for Pilot Light, a United soccer zine. I'll give you even more incentive than the free sub that all standby players get. I offer two free issues of TAG to anybody that volunteers. Come on, my rookies are getting the h*#@ beat out of them. I have only won two games so far, and that was luck. (Kevin Brown, Rt 4, Box 63, Florence, SC 29501)

I had intended to try some fancy things using a new laser printer I have access to, but time got away from me. Sharyn is out of town again, so the kids have kept me busy. Plus, the past six weeks at work have been hell. Things should slow down the end of this week, and I can start preparing for TAGs increase in scope.

You may want to start sending in orders early. I have had terrible mail service the past two months. I have gotten zines late, issues I send of TAG arrive haphazardly, moves take up to two weeks to arrive. I suggest you include a post card for me to return to confirm the arrival of your moves. Also, if you have not received your next issue of TAG within three weeks of the last deadline, give me a call. I have never been that late before, so that implies that something is wrong.

You will notice a price increase. For current subscribers, you may renew or extend your sub up to issue #83 at the old rate as long as you do so before the deadline for issue #69. This is to cover the upcoming increase in postage plus more processing costs when I expand.