July, 1949

Nicolai Machiavell

Telnowsky: May I come in?

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Telui how Telnowsky: I just had a call from Moscow. That's what I want to talk to you about. Machiavellnikow called me, the connection was not too good, I may not have gotten right all that he said.

Kalgan: Too many rival NKVD groups listening in these days -- I suppose --

clicking in and clicking out. What did Nicolai want?

Telnowsky: Wants Kurtshatow to send him 100 grams of Uranium 255, Brand 15A, for shipment to America. Wants me to cut red tape. You know anything about this? What is the idea of shipping brand 15A to America?

Kalgan: Mes, I know what he has in mind. He wants to force the resignation of Lilienthal.

Telnowsky: I don't get it.

Kalgan: Don't you read Machiavellnikow's bulletins?

Telnowsky: I know I should, but I am too busy.

Kalgan: Hah! Then you don't know that Machiavellnikow almost succeeded in getting Lilienthal ousted. Last year in October, he ordered our agent in the Argonne Laboratory to take a hundred grams of enriched Uranium from stock and to hide it or to destroy it. No use taking unnecessary risks and try to smuggle it past the guards. Machiavellnikow figured the loss would become known by the time the newly elected American Congress convenes. That Congress, he thought, would be Republican and Lilienthal would be ousted in disgrace. Telnowsky: I did not know we had an agent in the Argonne Laboratory. Is he a scientist?

- Kalgan: We have three men there. Scientists would be no good for this. They use their own heads instead of carrying out instructions, just like you guys here. In the Argonne Laboratory, we have got one guard and two FBI men. They are reliable, and the FBI men can get access to everything without arrousing suspicion.
- Telnowsky: What does a policeman know about Uranium? How does he know what to look for and where to look for it?
- Kalgan: That was easy. Don't imagine that we are the only ones plagued with security regulations. They have the same rules there we have over here. Bottles with Uranium 235 in them are labelled in code. All other bottles are labelled what they are, copper oxide, or manganese sulfate, or what not. Our man just took the stuff out of a coded bottle, put it into an envelope, stamped it "Secret," and threw it in the wastepaper basket—a"burn" basket, you know. We have them painted blue; over there they are painted red, and the contents are burned every night just as they are supposed to be burned here. That was all there was to it.

Telnowsky: And then what happened?

Malgan: Then nothing happened. At first they didn't discover the loss, and then, when they did, they kept it secret. In the end, we had to leak the "news" to the American press. This was the most difficult part of the whole job, but finally it was accomplished, and then came Gickenlooper's attack on Lilienthal, and the Atomic Energy Commission, and it almost succeeded, but not quite.

Telnowsky: Who is Gickenlooper?

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Kalgan: He is a Senator from the Middle-West. He is honest enough, they tell me, but he is coming up for re-election. In America, Senators are re-elected from time to time, and sometimes it makes them nervous.

Telnowsky: And now what?

Kalgan: Now the Americans have tightened regulations. Now they have a foolproof system for accounting for the stuff. Now if a chemist does any work with plutonium in the Argonne, an armed guard must sit at his side. The chemist won't like that, and he may not make any progress. Maybe no work will be done, but nothing can get lost.

Telnowsky: Machiavellnikow should be satisfied. What more can he want? Kalgan: He still wants to oust Lilienthal. Lilienthal pushes for full

cooperation with the British and in the end, he might succeed. Telnowsky: Why is that so important?

Kalgan: The British are probably shead of the Americans on ideas on reactors, but they lack the resources. Full cooperation might speed up the development in America.

Telnowsky: So what next?

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- Kelgan: So Machiavellnikow wants to send 100 grams of Uranium 235 to America and have our man smuggle it into the Argonne Laboratory. Some of the stuff missing they can always explain away. A surplus, Machiavellnikow says, they can't explain away. There will be another uproar, some more confusion, again Lilienthal will be attacked, and maybe this time he will be ousted.
- Telnowsky: I have mixed feelings about this. After all, the Americans haven't been doing so well under Lilienthal, that is, if we can trust the reports we get. Take the reactor development. They seem to have made a complete mess of it. They have done nothing to enlist scientific talent, they did not even get back any of their good men who had worked

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on it during the war. If Lilienthal goes, and someone else takes over, maybe they'll pull themselves together and tackle the problem of getting their good men back and perhaps even some fresh talent.

. Kalgan: Machiavellnikow has considered this, and he thinks that he can play it safe. He has made his arrangements. If Lilienthal goes, Rosner escapes from the United States and turns up in Moscos.

Telnowsky: I don't get it? Who is Rosner?

- Kalgan: He is a scientist. Not a very good one, probably; I do not suppose you have ever heard his name. But he is in a high position in the Argonne Laboratory and besides, he was born in Europe.
- Telnowsky: I still don't get it. Do you think Rosner can tell us anything we do not already know?
- Kalgan: He might, at that, but that's beside the point. This is what Machiavellnikow says: A large proportion of the men who during the war spark-plugged and guided the atomic energy work in America had come from Europe. None of these men were ever fully trusted, except perhaps Rosner, and none of these men, except Rosner, is at present working for the Commission. If Rosner escapes, we can be sure that all of these men will be kept out of Atomic Energy whoever may be running the show in America. Rosner was the only one who was fully trusted by the FBI. If he was a traitor, none of these men can be trusted, so people will argue. Machiavell-nikow thinks there might even be legislation excluding foreign-born scientists. Telnowsky: There are, of course, a number of very good native born American

scientists who could get into atomic energy work.

Kalgan: They could, but they won't. Most of them were associating in one way or another with these men who came from Europe. All of them will be questioned about their associations; they will be questioned about all their past. By the time they will be invited in, they will be so disgusted they will say "No, thank you." Excuse me, please (lifting up

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the ringing telephone) this might be my call. (Speaking into the telephone.) Yes...Yes...That is very unfortunate...No, he is irreplaceable...Well, thank you for letting me know. (Turning to Telnowsky.) You need not bother about that Uranium shipment, the stuff stays here. Machiavellnikow has just been arrested. The samples 15A contain Extremium, as you know. Sossonoff charges that Machiavellnikow's project was merely a ruse to let the American's have a sample of Extremium so they can determine its properties.

Telnowsky: Surely, you do not believe that?

Kalgan: No, I don't.

Telnowsky: Anyway, the Americans must know about Extremium.

- Kalgan: Why must they? I admit they may have discovered it during the war, but if they haven't, they probably do not know about it. They do not have enough good men left in this work. Who is there left? Who today over there would be likely to hit upon Extremium? Machiavellnikow is no traitor. But it was foolhardy of Kutschatow to agree to send brand 15A which contains Extremium. If the Americans had gotten it, and had discovered the surplus sample, they might have fooled around with it and might have hit on Extremium.
- Telnowsky: Didn't you just say they have no one left in this work who could make such a discovery?
- Kalgan: Don't be so God damned logical; what I am trying to tell you is that Kutschatow is going to be arrested tomorrow.

Telnowsky (shouting): What for?

Kalgan: Accused of conspiracy with Machiavellnikow.

Telnowsky: But surly you are not going to stand for this! This will wreck the reactor program.

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Kalgan: I could resign of course, but what good would that do? Alexandrowitsch will be put in my place. You know what that means. He will get rid of Landau and Leipunski and Russinow. They have too many ideas. They argue too much. They are not safe. He will replace them with harmless ones who will play ball.

This whole thing may blow over in a few months, and if it does it will have cost us six months or a year. But if Alexandrowitsch takes over, he will wreck the reactor program for good, or for the next five years anyway.

Telnowsky: What is all this about? Do you know? Can you <u>tell</u> me? Kalgan: Machiavellnikow is Korsakow's man. Sossonow is trying to hit Korsakow; Machiavellnikow's arrest is the opening shot of the battle. For two years now, Korsakow has been in charge on the American desk. He was exceedingly successful--that is in my opinion. But his policy is far too subtle for the grasp of Sossonow and his gang. Sossonow is violently opposed to it. The Politbureau, they say, is split on the issue. Where Stalin stands, I was not able to find out.

- Telnowsky: Tell me more about it, if you can. Parhaps I could be of some help in this fight. I know America well, as a student, I spent three years in Ithaca.
- Kalgan: I know you did, and the NKVD is plenty worried about it; they came to see me about you not once, but ten times. I myself would very much like to know what you think about Korsakow's policy, but in Moscow they would not trust your advice because you studied in America.

I myself have never been in America, although I wrote my thesis on the "Psycho-pathology of American Capitalism." Korsakow and I studied psychology together at Leningrad. He was a brilliant student. Telnowsky: What is his policy?

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Kalgan: He is using the Party in America to demolish the fetishes of

the Americans, fetishes like justice, freedom and democracy.

- Telnowsky: What can the American Communists accomplish? There are very few party members in America.
- Kalgan: Korsekow has instructed the party in America to be provocative for the sole purpose of drawing fire. Under the pressure of an aroused public opinion Congress, and above all, the Courts, will be goaded -so Korsakow predicted -- into acts of political discrimination, flagrant injustice, and perhaps even outright violations of the American Constitution-another one of those American fetishes. The Americans are a peculair people. Korsakow says, -- and I think he is right about this-that they will fight well only as long as they can fight with a good conscience and fight for something irrational. In the past, they have fought quite hard for abstractions, such as democracy, freedom, justice, and the right of self-determination of minorities. Americans are under the illusion that these abstractions are realities. They think there really is democracy in America and justice and freedom and protection for minorities. These abstractions are for them symbols, like the flag. Destroying their illusions is like soiling the flag. Under a soiled flag, Americans can't fight well. Sure, they will go through all the motions of fighting, in any case, but the zest for the fight will be gone.

Telnowsky: And you say, Korsakow has been successful with this? Kalgan: He was successful beyond all expectations. I am not too surprised about this, for I know something about the American political system. Minorities who command plenty of votes and who may throw those votes from the "democrats" to the "republicans", or vice-versa, are pretty

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well protected over there. Both parties are bound to vie for their favor. But the Communist vote is not large enough to count, and Communists will not vote for either party anyway. So the two parties outdo each other in heaping abuse on them. They could outlaw them, of course, but then all the fun would stop. Besides, that would be an open breach of the Constitution, and they don't want an open breach of the Constitution; they have that much sense, at any rate. So they try to bend and twist the Constitution without actually breaking it. They make rules and pass laws which discriminate against those who are members of the Communist party. And they dismiss from government jobs those, who are members of organizations of which Communists are also members. Students, who refuse to swear that they are not Communists are deprived from fellowships.

In one sense, all this doesn't amount to anyting, of course, just a handful of people are affected. But every single case makes a headline. The newspapers spit fire and amoke, and the millions of Americans who read the daily papers and watch this spectable are affected by it.

There are not many Communists in America, but under Korsakow's direction, they accomplish much. For the subconscious of the mind is more logical than the conscious. And many Americans who say that they see nothing wrong in discrimination against subversives and who are sincere in saying it, will nevertheless be deeply affected. They are not conscious of any violation of freedom, justice, or the rights of minorities, but their subconscious is not so easily deceived. Tomorrow, these very same Americans will be less proud of being Americans, and they will not even know why.

Telnowsky: Isn't this a little bit too subtle?

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Kalgan: I told you it is a subtle policy, and Sossonoff is just as incapable of grasping it as of grasping your equations of the Atomic Reactor. He has to fight Korsakow's policies, and if he wins out...well, it will be just too bad. We shall know soon enough. Machiavellnikow's arrest is bringing matters to a head. In the meantime you had better watch your step.

Telnowsky: I still don't get it. What has Machiavellnikow to do with Korsakow? Kalgan: I told you, he is Korsakow's man, and at the moment he is the most vulnerable one. Korsakow is not particularly interested in atomic energy, and so he left Machiavellnikow a completely free hand. Still Korsakow visited our place here three months ago. He wanted to know what we thought of the progress the Americans make with the bomb.

Telnowsky: What did you tell him?

Kalgan: I told him we did not believe they have anything much better than the Nagasaki bomb. A little better maybe, but not very much. They could not have made much progress without some of the first class men working at it full time-which they are not-not without frequent bomb tests-which clearly they are not making.

I told Korsakow that the chances are that the present American bombs are quite similar to the Nagasaki bomb, that ime had to be carried in a B-29. No B-29 or any similar bomber will get through to the Urals. I doubt that they will get through to Moscow. If there is war, we shall occupy France, Belgium, and Holland, and B-29's can get through to Bordeaux and Le Havre, to Rotterdam, to Amsterdam, to Brussels, and to Paris. The Americans can drop atomic bombs on these cities and that's just about all they can do if they have to carry their bombs in B29's. This is all they are going to do with their bombs, if you ask me.

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Telnowsky: Who is in charge of Los Alamos now.

Kalgan: Bradbury.

Telnowsky: Never heard of him.

Kalgan: He is not a bad director, though, he stands up for his men, and the spirit of the laboratory is not bad. He does what he can. Fortunately for us, that's not enough. He would have to get in really good men first. Incidentally, one of these men has now gone to Los Alamos for a year and he is supposed to be very good. I wanted to ask you about him. Dern it now, his name has slipped my mind for the moment.

Telnowsky: Could you find out his name and let me know, please? This is something we should not take lightly. What else did Korsakow want to know? Kalgan: He was worried about rumors about American bombs one thousand times more powerful than the Nagasaki bomb. McCloy, the American boss of Germany, made a speech three years ago. He said that scientists had told him that, given the same intensive effort, that went into the development of the bomb during the war, it should take no more than two years to make bombs one thousand times as powerful as the Nagasaki bomb. One of the Commissioners, Pike I believe was his name, recently made a speech in which he referred to McCloy's statement, and said that the two years are up now, and bombs one thousand times as powerful as the Nagasaki bomb are nowhere in sight. Korsakow wanted to know whether McCloy was bluffing or Pike was concealing something. "Which of the two is lying," he asked me.

- Telnowsky: No one needs to be lying it seems to me. McCloy said, given the same effort that went into the production of the bomb during the war, did he not?
- Kalgan: That's what I told Korsakow. I don't know whether I succeeded in reassuring him. "Let's not underestimate the enemy," was all he said.

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Telnowsky: I think I had better go now. Is it allright to warn Kutschatow? We have to do that, it seems to me.

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Kalgan: Of course. But don't tell him you have it from me. He should take plenty of warm clothing. Explain the situation to him as well as you can. You will know how far you can go. His position here will be kept open until he returns. If things go wrong, there is no telling what may happen, of course. But if Korsakow wins out, all will be well.

July, 1949

Nicolai Machiavellnikow . by Leo Szilard

Telnowsky: "May I come in?"

Kalgan: (Director of the 2nd Transural Atomic Project): "Certainly, I'm just loafing, trying to get a call through to Moscow. Don't know why it takes them so long today, they seem to get worse and worse."

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In the organice laborshopped We have got one guard and two FBI men. They are reliable, and the FBI men can get access to everything without arrousing suspicion. They tell me it was not at all easy to get our men into the FBI, and even more difficult to get them assigned to the Argonne, but somehow, Machiavellnikow wangled it. Telnowsky: What does a policeman know about Uranium? How does he know what to look for and where to look for it? Kalgan: That was easy. Don't imagine that we are the only ones plagued with security regulations. They have the same rules there we have over here. Bottles with Uranium 235 in them are labelled in code. All other bottles are labelled what they are, copper oxide or manganese sulfate or what not. Our man just took thet stuff out of a bottle, put it into a envelope, stamped it "Secret", and Here We have them threw it in the wastepaper basket, "burn" basket, you know.) over there they blue; xxxxxhere are painted red, and the contents are burned every night just as they are supposed to be burned here. That was all there was to it. Telnowsky: And then what happened? Kalgan: Then, nothing happened. At first they didn't discover the loss, and then, In the end, we when they didthey kept it secret. Rinarizanan had to leak the "news" to the American) press, and this was the most difficult part of the whole job, but finally it was accomplished, and then came dicknelooper's attack on Lilienthal, and the Atomic Energy Commission, and it almost succeeded, but not quite.

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Kalgan: Why must they? I admit they may have discovered it during the war, but if they haven't, they porbably do not know about it. They did not have enough good men left after the war. Who is there left? Who today over there

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No question of expediences The question which I believe this conference ought clarify is whether or not there is a majority in the atomic scientists' movement which can agree on a common platform. I do not mean a platform intended for publication but a platform formulated for the guidance of our own actions. The Lake Geneva conference showed that it is not possible to formulate a meaningful platform if we try to abide by a self-imposed unanimity role. But I believe that there is in fact a vast majority in the atomic scientists' movement which can agree on a number of significant points. As I go along I shall try to formulate these points.

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First of all, let me say that the most important pask of our movement ought to consist in clarifying our own thoughts on the vital issues which confront us at present. Our next important task is to help to bring about a dispassionate public discussion of these issues.

We can do these things only if we take as a starting point the actual situation which faces us at present and first of all try to evaluate what goes on at present in the name of foreign policy. Fortunately there is a factual report available to all of us in Byrnes' book "Speaking Fragnkly". There are thirty copies of this book available here for you andhif we are going to discuss tomorrow the meaning and value of our foreign policy then you ought to read tonight the chapter which deals with the Yalta conference, the chapter which deals with the Potsdam conference in 1945 and if you have time left, also the chapter which deals with the London Conference which was held in September 1945, one month after the bomb was dropped on Hiroshima.

If you read Byrestes back Fruchly Speaking

On the basis of these chapters you may come to the **XAXE** conclusion de A A did that our foreign policy with Russia was from its very inception based on a false assumption towards the problem of a postwar settlement and that the peace is being lost by default.

Russia had been considered prior to the last war as a minor party and had been treated as such, and became a major military power during the war, It was a foregone conclusion that she would behave after the war as other victorious nations had behaved in the past in similar circumstances. It was a foregone conclusion that she would draw throw her weight about and that some of Russia's aspirations would have to be resisted. Now in what manner could we have successfully resisted these Russian aspirations which came to the foreground at Yalta and Potsdam--or let me put the same question in a manner more general form: Through what means could we have hoped to exert influence on the course of action of the sovereign Russian Government?

It will strike you if you will read Byrnes' account of the Potsdam conference that there we did not show the slightest concern for Russia's welfare. One of Russia's greatest needs at that time and I believe it still is was assistance for her economic reconstruction. At Yalta and at Potsdam Russia wanted 10 billion dollars of reparations in ten years out of current German production. At Potsdam, we refused to agree to this and instead we told Russia that she might go ahead and remove factories and ecuipment from her own zore. This I believe was a very grave mistake. My point however is not that mistakes have been made because mistakes are unavoidable. My point is rather that our whole approach to the problem of settlement with Russia was basically mistaken and that our specific mistakes were the logical conseguences of our basic approach to the problem.

Let us suppose for a moment for the sake of argument that we would have adopted a totally different approach. Let us suppose that when Russia asked for 10 billion dollars in ten years that out of current German production we would have replied as follows: The believer des that in order to raise the standard of living in Russia at a fast enough rate Russia ought to have about 2 billion dollars a year for the next year amounting to 20 billion dollars rather than the 10 bil-The tes lion dollars for which she asked. not at all sure that this amount could in fact be taken out of current German production without depriving the Germans of the incentives which the development of a peaceful Germany requires. From a purely economic point of view, the United States would have no difficulty in supplying to Russia the probable deficit but from a political point of view the Government of the United States is not in a position to make a pledge in this respect at the present time. The Government of the United States - & He recognizer therefore that Russia has a claim to 20 billion dollars ap pana of manage to be taken out of current German production spread over a period of 10 years, with the understanding that If in the opinion of the United States Government this would be good great a burden on Germany, the Government would do its best to obtain the approval of the American people and Congress for covering on her part one-half of the deficit.

The point which I wish to make is, some such proposal put forth at Potsdam which has been the first steps towards a situation in which Russia would have had a strong positive incentive for continued cooperation with the United States and an important stake in the political moral and economic reconstruction of Europe. The course which has took was the exactly opposite course and as a result

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very quickly moved ourselves into a position vis-a-vis of Russia from which we can exert influence on her only by holding the fear of sanchins and This methenent over her head. This method isxastxaaxaffactivexaxe did not prove to be very effective and above all it involves incalculable risks. It is quite possible that in a fashion the method which we adopted will work. I mean that it will work in the sense that Russia will yield to pressure and I shouldn't be too surprised if Russia did yield on a number of points even at the present London conference; but I would be surprised if by applying this method we would be able to make genuine progress towards the permanent establishment of peace, and if does in value buealentably the le . rishs .-I do not believe that we should appease Russia and by appeasement I mean displaying generosity at the expense of some other the ble. When we agreed for instance, that Poland should be compensated nation. at the expense of Germany for the territories which she was about to the U.S lose to Russia, me committed such an act of appeasement and I believe re mak a a grave mistake.

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In discussing the question of postwar settlement with Russia is must also keep in mind the fact that there are a number of issues which have a direct bearing on the relative military position of the United States and Russia and that these issues cannot be resolved on the basis of rational agreements. They cannot be resolved by appeal to reason because our aim and Russia's aim are not the same but rather the opposite. Clearly we would want to win the war if there should be war between the and Russia and Russia with also want to win this war. Issues of immediate strategic and military importance

cannot therefore be reasoned away and any agreement which may be reached on such issues will be determined by the relative willingness of the United States and Russia to permit a serious quarrel to Arise about the issue, and also by the relative military power and relatione ( their willingness ultimately to go to war over the issue. In these comparationaly circumstances it would be relatively easy to reach an agreement on issues of this type if the probability that there will be in fact a war between the United States and Russia is felt to be small and there it will be exceedingly difficult to mach an agreement it is felt that Strater the probability for such a war is great; but clearly this 9.00Q in notrick app Atra and in an an and of conflict where a vicious circle can easily develop. and read to the on the housis of this approach I have formulated very roughly and in some haste last night

a number of points which might be included in the platform that may be drafted at the end of this conference. These points are as follows: (1) That We accept the factual account of Mr. Byrnes' book and that we hold on the basis of price account that the peace is being lost by default and that in this sense we been to dissent from our foreign policy as defined in Mr. Byrnes' book.

(2) That we believe that settlement with Russia leading to permanent establishment of peace must be sought within the framework of a setup which will offer Russia strong positive incentives **xnx** for continued cooperation with the United States and a stake in the **merchan** economic reconstruction of Europe.

(3) That we hold that in the absence of a satisfactory postwar settlement with Russia there is an ever-present danger of war and that under the threat of such a war there is no possibility for a moral, political and economic reconstruction of Europe.

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(4) That pending such a settlement we / it, nevertheless, necessary to help Europe as best we can and that we are therefore in favor of granting the economic assistance of **10** billion dollars for which the Paris Conference had asked.

(5) that in view of the absence of a satisfactory postwar settlement we are in favor of maintaining and of increasing, if necessary, the armed strength of the United States but that we do not believe that it is in the public interest to push further the development of atomic bombs towards bombs which are more powerful or **bouldering** a greater amount of radioactivity than the atomic bombs which are already available.

(6) that We are agreed that the ultimate solution of permanent peace is world government and that we believe it is urgent that the people all over the world make/up their minds on how fast and how far it is necessary to move towards a genuine world government.

(7) that we believe that it is urgent to have a strong world government movement in existence all over the world in general and within the the United States in particular.

(8) that we see that believe however that the existence of such a movement will eliminate the acute danger of war which arises out of the absence of a satisfactory postwar settlement between the United States and Russia.

(9) that we believe that for the present we need in the United States a world government movement which will **insume** result in clarifying the thoughts and the desires of the people concerning the establishment of world government rather than a political movement in the establishment of world government. For this reason, we are more in favor of a

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movement aimed at the calling of a world constitutional convention at some future date than in favor of a movement that would aim at bringing pressure on the United States Government to take the initiative for modifying the charter of the United Nations with a view of transforming the United Nations into a genuine world government.

10. Souproses of port war ensure frontile [ no mother holl of nights ] woh very senteres matter His tour file of the pulling with the 12.) need for abanic margy antal, and possible ho when It withant for anyt in canker 13 lan plasto in to asless and mill get law meare lokaly to revet.

~~~ 1× 250 formany Hall block -Security for Europe Insportion the add the total My it to abrangale heavelintoon ) Spundstill greeneet Markalle. former A wast the methres campus This same of the mappine Maurhaus The gress heyon to use the un the firmer of the adminis habour milding the sur was abut he set behand the bulls, the Admir was the lost of the any ments which mas devoked to the appending intervices of dedlawtown of the Bry Golation The sty Sydentron was blansed mi At The Mulday which too hansellt had been just caringsteede I mas a hige makine Ent Inshed lake an enonion handestand For months the Big lipelabre

s m had been advertised as the longest in the country & openeting expenses alance nat cauchdrey the screakists alay mines / just heleciclaus gos water maintaice praces and water were cothinaked of a unitian ballons a year That was too hallon more Kun the allicago eplabore -

) nol Wiwlai Machiave D "May I come in ?" sied Telnowsky "Geme in, I'm just loafing " siad Kalgan , Director of the Transural Atomic Project. Terrying to get a call through to Moscow , don't know why it take sthem so long t through They seem to get worse fvery day! and worse . ~  $^{\prime\prime}$  I just had a call from Moscow , that's what I want to talk to might that you about. M. called me, the connection was not too good. I may not time public all the daily I'm not sure whether I got him right. nuck Too many different NKVD groups listen ing in these days, clicking in and clicking out, I suppose What did M. want ? Waths send 50 He said he had asked K. to maxx him fifty grams of Uranium Wints 235, Brand XXX 15 A for shimment to the U"ited States! MMXXXXXXX Wants the package to go out to-day by special courier Wants me to cut red tape. You know anything about this ? What is the idea of shipping the stuff to the U.S.? Yes, said K. I know what he has in mind. He wants to force the resignati n of Lilienthal . "I don't understand, said T. Why, said K. DonSt you read M.'s bulletins ? A America? (k)I know, I should but these last m nths I was too busy. Hale, said K., then you do n t know that M. almost succeeded in getting Lilienthal ousted. Just before the American elections of All the ordered one of our agents in the Argonne Laboratory to remove hundred grams of Uranium, rich in Uranium (239) from stock

mothin the take Nonse hakenby no figured and to hide it or to destroy it. He fargat the loss became public by the time the Arst Congress convenes and stop which we with menuld rought would be Republican, and Lilienthal will be ousted in d disgrace. did not know we had an agent in the Argonne Laboratory. Is he a scientist ? We have three men there, said K. Tey are not scientists. Scientists not so easy are difficult to get and if you got them you still could not us & them . They want to use their own head instead of carrying out instructions. Just like you guys here. " "Scinetists would be no good for this, " K. repeated. But we got one guard and two FBI men . They are reliable and the FBI men can get accesss to everything without arousing suspicion. " " They tell me it was not at all easy to get our men in the FBI in the first place,

and men more shaffduilt

and then to get them assigned to the Argaonne. But M. mamaged

somehow.

"What does a policman know about Uranium, how does he know what to look for and where to look for it ?" asked T.

That was easy, said K. Do not imagine xxxxx we are the only pluynet ones playing with security regulations. They have the same rules there we have over here. Bottles with Uranium 235 in it are labelled in code. All other bottles are labelled what they are, copper

oxide or manganese sulfate or what not. Our men just took that

stuff out of the bottle . but it into an envelope xxx stamped a"hum- lioshet un it secret and through it in a waste paper basket, fainted red from the are printed lilve, they are printed

that the contents of the basket are burned every night,

just as they are lisne,

mill

M-3 And then, T. asked, what happened ? Then, siad K., nothing happened. For a number of months they did not discover the loss and we had to go to a lot of trouble S make them notive it. And when they did, they kept it secret. We succeeded finally to leak the "news" to the press, and this was just about the most difficult part of the whole job. But it was accomplished and then came Hickenlooper's attack on Lilienthal and the Atomic Commission and it almost succeeded but not ment Why is Wichandunger the And now, what ? asked T. Now the Americans have tightened security regulations where it s impossible them to do any chemical work with Uranium 235 or Plutonium in the Argonne, and the thinks they have now a foolproof system of acc ounting for these substances. They wont make any progresss in the chemistry of the stuff, but nothing can get lost. Well, said T. " M. should be satisfied. What more does he want ? He still wants to oust Lilienthal. Lilienthal is a strong man, he says and he pushes for full cooperation of the United States with the British. Darly to that on importants So what now ? So M. wants to send now fifty grams of Wing Uranium 235 to the United States and have one of our man smuggle it into the Argonne Laboratory. Some of the stuff missing they could explain away. A surplus, M. says, they can't explain away. There will be another uproar, some more confustion, again Lilienthal will be attacked and maybe this time he will be ousted.

I havemixed feeling s about this, said T. After all the Commission has not been doing so well under Lileinthal , judging from the remorts we get. Take the reactor development. They seem to have made a complete mess of it. They have doen nothing to enlist scientific talent , they did not even get back any of those who had worked in this field during the war , If Lilenthal goes and the Commission & reorganized, maybe they pull themselves together and tackle the problem of getting the old men back and perhaps even some fresh talent.

from the United States and turns up in Moscow.

I don't get it, Who is Rosner ?

K He is a scientist. Not a very good one probably , I do not

suppose you have ever heard his name. But he is in a high position

in the Argonne Laboratory and besides he was born in Europe.

I still don't get it, said 2. Do you think Rosner can tell us any Mary

we do not know already ?

D

He might, but that's bedide the point. This is what M. says. A

large proportion of the men who during the war sparkplugged ,pushed and guided the atomic energy work in Kax America had come from Europe. None of these men were ever fully trusted, except Rame perhaps Rosner, and none of these men ,except Rosner, is at pres nt working for the Commission. If Rosner escapes, we can all be sure that none/of these men willx #exerxbexed mitted x be keptout

M-5 even if the Commission should pull itself together when after Lilienthal leaves, Rosner was the only one who was fully trusted by the FBI. If he was a traitor, no one can be trusted, so they will argue . M. thinks there might be even legislation excluding foreign born scientists. There are of course a number of very good native born Anerican scientists, who could get into the Atomic work , said cantathed with there mant non a pulls all this off, e disgusted that they cant be gottem. E Excuse me please, said K., lifting up the ringing telefone, menting into the belagtion this might be my call at 10th. " "#es, he said, speaking."And after a while, "That is very unfortunate. " "No, he said, he is irreplacable. " And finally "Well, thank you for letting me know." With that he turned to T. "You need not bother about that Uranium shipment, the stuff stays here. M. Has just been arresta as your smed, The samples A-15 contain and of Extremium / Sossonoff charges that M.'s projet was merely a ruse to lat the Americans dekendine have a sample of Extremium on this war Surely, you do not believe that charge, said T. 3 76 KNo, I do'nt, said K. Anyway, T. said, the Americans must know axx about Extremium. Why must they, said K. I admit they may have discovere d it Unwww during the war, but if they haven't, they probably do not know about it. They did not have enought good men left after the war holes our there) extrempt who is there left ? who in your opinion would be likely to hit upon it?

M. is no traitor. But it was foolhardy of Kutschatow to agree to send brand 15-a, which contains Extremium. I fthe Americans had gotten it, and the covered that there is a surplus there might 4 have fooled around with the surplus samples and might have hit in His morth? on Extrimium. T: Didn't you just say they have no one left who could make such a discovery ? K: Don't be so God damned logic, what I am trying to tell you is that Kutschatow is going to be arrested to-morrow. (shunting) T: What for ? Makatada K: Accused of conspiracy with M. T: But sureley you are not going to stand for this. Martainen This will wreck we reactor norogram. K. I could resign of course, but/good will (that do. They will will for put in my place me with Alexandrowitsch. You knowwhat that means. He will get rid of Landau and Leipunski and Russinow ¥ they have too many ideas, they ones who fill play are not safe. He will replace them with harmless few months , and if it does it will have cost us six months or a year. But if Alexandrowitsch takes over he will wreck the reactor program for good, or for the next five years anyway. T: What is all this about, to you know, Can you tell me ? K. M. is Korsakow's man. Sossonow is trying to hit Korsakow , M.'s arrest is the opening shot of the battle. For two years now Korsakow has been in charge on the American desk. Id/my//mind He was exceedingly successful pthat is in my opinion. But his policy

M-7 is far too subtle for the grasp of Sossonow and his from Sossonow is violently opposed to it. The Politbureau they say is split on the issue . Where Stalin stands, I was not able to find out. T: Tel me more about it, if you can. I know America well, I spent three years in Ithaca. (, as a student Perhaps I could be of same help in this fight. is K: I knwo you did the NKVD was plenty worried about it , they came to see me about you not once, but ten times. I myself would very much like to know what you think about Korsakow's policy, bernuse gan studied in pursonely formere gin had but in Moscow they would not trust your advice. I myself have never (Hhe twenton been in America, although I wrote my theses on the "Sycho-pathology of American Capitalism". Not Korsakow and I studied psychology together at Leningrad. He was a brilliant student . T: What is his policy? K: He is using the Communist party in America to demolish the fetishes of the Americas. fetishes like justice, freedon and democracy. T: What can the American Communists accomplish ? There are very few party members in America. he K. Morsakow has instructed the party in America to exhibit provocative behavior for the sole purpose of draw fire. Under the pressure of above all an aroused public opinion Congress, and more 'imdortant, the Coutts, well be goaded - so Korsakow predicted, - into actsof political discrimination , flagrant injustice and perhaps even outright violations of the American Constitution, another one of those American He purerouns are a pembor people . fetishes. Korsakow says and I think he is right that of Americ are acculiar seconde, they will fight well only as long as they can

M-8 M-8 Multiplither multiplither multiplither multiplither multiplither multiplither multiplither multiplither multiplither in the past, they have fought hard for abstractions, such as democracy, freedom , justice and the righ t of self determination of minorities. They are under the illusion that these abstractions are realities. They think there really is dem democracy in America and justice and freedom and protection for minorities. These abstractions are for them symbols, like the flag. Destroying these lilusions is like soiling the flag. Under a flag soiled Americans can t fight well. Sure, they will go through all the Mr happed moti ns of fighting, in any case but the zest for twill be gone. T: And you say, Korsakow has been successful with this ? K: FAdar gewas successful beyond all expectations . I am not too surprised about this , for I know something about the American political system . Minorities who command plenty of votes and who may throw those votes from the democrats to the reapublicans, or vice versa, are pretty well protected over there. Both parties are bound to vie for their favor, But the Communist vote is not large and enough to count ( And Communists will not vote for either father) Panyway. So the two parties outdo each other in heaping abuse on them. They could outlaw them, of course, but then all the fun would stop. Besides, that would be an open breach of the constitution, and they don't want that an open breach of the constitution, They have that much sense, at any rate. So they try to bend and twist the constitution without actually breaking it. They make ruls and pass laws , they And discriminate against those who are members of the Communist party , And dismiss from government jobs those, who are members of organizations of which Communists are also memebers. Students, who refuse toswear that they are not Communists are deprived from

M-9 fellowships . All this doesn't amount to anything, just a handful of people are affected, But every single case makes a headline , The newspapers spit fire and smoke , and the millions of Americans who read the daily papers and watch this spectacle are affected by it Athere are not many Communists in America, but under Korsakows direction they accomplish much. For the subconscious of the mind is more logical than the conscious. And many Americans will be deeply affected who say that they see nothing wrong in axxixx discrimination against ( it a will neventheleestee) subversives and who are sincere in \$4 saying. They are not conscious of any violation of freedom, justice or the rights of minorities but their subconscious is not so easily deceived. To-morrow, these very same Americans will be less proud of being Americans , and they un will not know why. T: Is this not a little bit too subtle ? K: I to:d you it is a subtle policy , and Sossonoff is just as incapablr of grasping it as he would be to grasp your equations of the Atomic Peactors. He has to gight Korsakow's policies, and if he wins out, gowell it will be just too bad. We shall know soon enough . M's arrest is bringing matters to a head . In the meantime you had better watch your steps. T: I still dont get it, what has M. to do with Korsakow ? K: I told you, he is Kor akow's man , and at the moment he is the most vulnerable one. Korsakow is not particularly interested in atomic Ma.a) energy, and he left them completel y free hand. Extra Still Korsakow visited this place three months ago . He wanted to know what we thought of the progress the Americans make with the bomb.

M-10

K:I towld him we did not believe they have anything much better than the Nagasaki bomb. A little better may be, but not very much. They could not have made much progress without some if the first class men working at it full time which they are not -mnot without frequent bomb tests, which clearly they are not making. Ixtota the first class men had joined the Los Alamos Kornakowxthat. I f ve would know about it. If they made ' equent bomb tests we would know about it. I told Korsakow that the chances are that the opresent American bombs are quite similar to the Nagasaki bomb. that the had to be carried in a B 29. No B 29 or any similar bomber will get though to the Urals. I doubt that they will get through to Moscow. I f there is war we shall occupy France Belgium and Holland And B 29s can get through to Bordeaux and Le Havre , to Rotterdam to Amsterdam , to Brussels and to Paris. The Americans can drop Atomic bombs on these cities and that's just ab ut all they can do three for the source of the so going to do with their bombs, if you ask me. T: Whit is in charge of Los A amos now. K: Bradbury. T: Shever heard of him. K: He is not a bad director, though, he stand up for his men, and the spirit of the laboratory is not bad. He does what he can. Fortuna neally tely for us, that's not enough. He would have to get in me

men first, A Atime . Incidentally, one of these men has now gone to be very good. I wanted to ask you about him. Darn it now, his name has slipped my mind for Mode moment. T: Could you find out his name and let me know, lease. Thes is something we should not take lightly. What else did Korsak ow want to know? K: He was worried about rumors about American bombs one thousand times more powerful than the Nagasaki bomb. Metoy, the American boss of Germany made a speech once in which he said that scientists had told him that, given the same intensive effort, that went into th development of the bomb during the war, it should take no more than two years to make bombs one thousand t mes as powerful as the Nagasaki bomb. One of the Commissioners, Pike I believe was his name, recently made a speech in which he canex referred to Mc Coy's statement, saying that the two years are up and bombs thousand times as nowhere powerful as the Nagasaki bomb re nowhere ) in sight. Korsakow wanted to know whether Mc Cloy was bluffing or Pike was concealing something Which of the two is lying, he as ked me ? T: No one needs to be lying, it seems to me, it may be that they just An Clas model 1 Strenthe same effort that did not put in the kinf of effort that wont into the making the malipatodan bomb during the war. As And mat he we now they didnt. K. That's what I told Korsakow , but I dont know whether I succeeded in reassuring him. Lets not underestimate the enemy, wasall he said. · 2 A allotylet to Think we had better go now, and tell Kutschatow whe Whe have to do that it rempto us.

M-12 Kappen, But dont tell him you have it from me ... He should take plenty of warm clothing . Explain the situation as well as you can . You will know how far you can go. His position will be kept open <u>of course</u>. If things go wrong there is no telling what may happen, of course, But if Korsakow wins out, all will be well.

- Bonsent for Mallouellarten K min take waper and Velle and Blethe there and Bake T. and Andard K. Jes and Uning. I, they is shalt a making American I the is the I not not and monthert in the and the y may be they think This distoke him hunne he stands mill highs ..... Who is thickan lungor . One of House tot Midmeshen Annhow, He is a hunest fitter the por for much patrakion and mit mongh sense Brendes he is mudus sinations are reeliched from those ho these and it makes them nervous, mont Ald Plan of priving Ambordoldes for Subhe . . to. -These Corlass Lacuant