

sphere), the other provides the self-preservation of the culture of each in contact.

For example, out of bounds of the «northern territories» question is promising for the development of communication «buffer-synergetic zone» between Russia and Japan. It leads to the expansion of contacts between representatives of these cultures in the field of education, art, science, and technology. Thus, to generate new ideas and cultural artifacts, this particular space for communication is needed. It is formed at the boundaries of cultures and riddled with mutual interest and empathy, or rejection and antipathy.

ВНЕДРЕНИЕ ФАЗОХРОНОМЕТРИЧЕСКОГО МЕТОДА НА МАШИНОСТРОИТЕЛЬНОМ ПРЕДПРИЯТИИ

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One of the problems at the enterprise is the assessment of the current technical state of the processing equipment which inevitably affects the quality of its products. While constantly rising demands for the processing accuracy, increase in productivity and reliability are made, the applied measuring and control-diagnostic equipment, devices and means of metrological assurance do not always allow of obtaining reliable and timely data on a technical condition of objects in full.

This problem can be solved on the basis of the phase-chronometrical method of information and metrological maintenance of cyclic machines and the mechanisms, developed on the achievements of national chronometry and permitting a much higher level of accuracy. Direct measurements of time intervals corresponding to the passing by elements of characteristic intervals of running cycle phases of functioning machines and mechanisms are used at phase-chronometrical approach. The feature of the offered approach is the integrated complex of software and experimental methods and means of object work research on the basis of the precision chronometric analysis of the running cycle phase at all stages of life cycle.

Introduction of this diagnostic method at the enterprise will enable to solve a number of tasks: obtaining high-precision measuring diagnostic information; information and metrological maintenance of the equipment; assessment of the current technical state equipment and its elements and tool; registration of specific behavior features of products of various sizes; ensuring unity of saved-up measuring information at all stages of life cycle; forecast of trouble-free operation and reliable emergency protection; transition to repairs system according to the current technical state; assessment of a residual resource; registration of the fast-proceeding processes inaccessible to the regular equipment.

In view of the aforesaid the purpose of my master's thesis is introduction of the phase-chronometrical method at Komsomolsk-on-Amur industrial enterprises.

ПРОБЛЕМЫ ЭНЕРГЕТИКИ НА ДАЛЬНЕМ ВОСТОКЕ

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The problem of centralized power supply to the vast North, Far East, and some other regions of Russia is getting more acute each year. For all these regions, safe and economically effective average-power nuclear co-generation plants could be used. In the European part of

Russia there are dozens of places, where average power plants can be deployed. For a town with the population of 300 thousand, like Komsomolsk-on-Amur it is optimal to use an average-power two-module nuclear co-generation plant with the connected electric load of up to 300MW in condensation mode.

Ship nuclear plants have a number of characteristics that are especially advantageous for use in commercial power industry. Besides, they are effective from the point of view of compliance with the toughened safety requirements and have stability against extreme conditions and modern threat such as terrorism. Ship plants are fundamentally better protected against external effects, including extreme blast-shock loads, which was demonstrated by the fact that during the accident with «Kursk» nuclear submarine, its nuclear power plant remained completely intact.

Availability of a proven technology, of production facilities and naval infrastructure, and existing experience in design and operation of similar plants permit to solve other essential issues of nuclear power: considerable shortening of nuclear power unit construction and commissioning term, improvement of NPP performance induces, and decrease of personnel strength. This is the basis of nuclear power competitiveness.

During the last years, the general idea to use conversion potential of defense industry enterprises in nuclear power is realized in actual research and design development.

ОСОБЕННОСТИ ТУРИЗМА В ВОСТОЧНЫХ СТРАНАХ

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Tourism becomes very popular today. People work all year to have a one-two week rest abroad. As a rule people like to travel, so do I. When I'll finish the university, I want to travel around the world, but still I don't know with whom. They say: want to go far – go together, want to go fast – go alone. That's why I'll need a fellow. When I was at school I had a dream to leave Russia and continue to get my education in Canada. That's why I would like to visit this perfect country to see powerful mountains and impassable coniferous forests, to swim in the ocean and to visit the famous ski lodge resort in Vancouver. Besides I would like to go to Australia, to dip in the diversity world of the local flora and fauna. My dream is to leave for two-day safari tour. Of course it must be dangerous, but really interesting. Nevertheless, I want to visit all continents. So, when I was in Egypt, political and economic situation haven't had imminent nature yet. But, to say the truth I don't want to go there today.

Last time I was in the capital of South Korea- Seoul. This is a perfect city, the city of the high tech and radiant future to my mind. The historic center of the city was built during the Chosong dynasty and now it is located in the heart of the business district. International companies, ancient places, modern offices and hotels are located here. In the center of the capital you can see the symbolic Namsan Mountain, which is used as a place for recreation. At the top there are fountains, gardens, Seoul Tower and a library. In any case, this mountain is as historic place as a resort. Yoido coast is the most developed part of the Han River Park which stretches along the both banks of the river, passing through the entire Seoul. Not far from the coast of the river buses ply as well as floating restaurants and water taxi. This part of the park is a particular loving place of the residents and visitors. In addition there are several large parks: Everland, Seoul Land, Lotte world.