Nuclear power plant workers are leaving the reality of "decommissioning" the Fukushima Daiichi nuclear power plant

TEPCO’s Fukushima Daiichi nuclear power plant accident that caused the worst level. There is a need for up to 40 years of years completed decommissioning. Now, over the workers working in this field, a serious situation has occurred. Cases close to the limit of radiation exposure, will not be able to continue to work after another. I also Aitsui workers are leaving the nuclear power plant in the deterioration of the treatment.

Workers yuan
"Fukuchi gone from (Fukushima Daiichi) Every day somebody quit. many are now in such a form"

In addition, I have also found that, in fact, less the total number of workers that had been initially TEPCO can be secured.

TEPCO nuclear charge
"I have a certain width, there opaque portion. ensure long-term resources. might become difficult this is equivalent to"

How do you go to secure the national human resources challenges, and decommissioning. To verify the actual situation in the field, I think.

Field of nuclear workers "decommissioning" is now

Six o’clock in the morning. Hisashi Shiga workers towards the Fukushima Daiichi Nuclear Power Plant (teeth Akira) is Mr. Mr. Shiga from local, Namie-machi, has been working in the nuclear power plant as employees of
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subcontractors from six years ago.
To nuclear power plant is a two-hour journey.

Mr. Shiga
"Do I like this or not, so as usual today and slow, I do not go more"

To nuclear power plant, about 20 km.
Along the way, Mr. Shiga, stop by this facility in order to prepare the equipment, such as protective clothing and masks.
Mr. Shiga has a lighting equipment installation work.
I say the work you do with wearing the whole body is something very severe.

Mr. Shiga
When you go to a place of high dose "to mask the entire surface, or not subject does not run while the mask, rather strict. had not accustomed
in feeling I wonder if you can work on for this
30-minute real, summer, I'm afraid you fall I've done one hour, and without a break"

In the last six months, around 10 people were near Mr. Shiga quit the job of the Fukushima Daiichi nuclear power plant.
I say that Shiga's own lost forever, Do you want to continue this work.
"Until when working in a nuclear power plant in the future?"

Mr. Hisashi Shiga
"It do not know anymore.
has at that time, I sometimes or I think better to do it in a different place when I do not it and I really think it's funny also called for or Friends (local) But I, I. Maybe but I think I will work hard together not settled, earlier."

Workers leave a nuclear power plant does the Aitsui are, why.
High doses is still one of the causes.
Me according to one of the companies interviewed local Motouke.
This company has been involved in the construction of the facility to remove radioactive material from contaminated water.
Workers had finished work that day, I came home from the Fukushima Daiichi nuclear power plant.

Responsible for field
"Today, some exposure is?"

Workers
".02 It is (mSv)."

Record all the amount of daily exposure of workers, the company has confirmed.
Compared to working with other primary, the amount exposed at the Fukushima Daiichi nuclear power plant and it has become even nearly 10 times on average.
In one year, 50 millisieverts over five years, the country has established an upper limit on the amount of
exposure of 100 mSv for workers.
I can not work in a nuclear power plant is more than this.
There was no one of the workers who were 20 people, only remove from the work of the Fukushima Daiichi nuclear power plant to two people close to the upper limit of the amount of exposure in this company.
Workers also left, to limit the amount of exposure is coming every day.

Mr. Yoshihiro Umeda business yuan
but I also have a portion near "to tightrope every day, people go stop those who seek reassignment, are a lot.
I mean nothing is possible. thing can not be helped as the scene where it is very painful."

One cause is the deterioration of another treatment that leaves the nuclear power plant workers.
It is a man in his 40s from Kansai.
I've been working at the Fukushima Daiichi nuclear power plant as employees of subcontractors from the fall of the year (2011) last year.
At work five days a week, initially monthly salary after tax, ¥ 25 million.
However, I was reduced to about 20 million yen 50 000 yen then.
In addition, you are asked to self-pay for food as well in August, leaving the inn with accommodation of the company.

Here is a special task ", there is a hard thing to those who are working.
humans like us is because they work hard, first nuclear power plant is I is not been settled.
against that kind of person, I have in such a situation we feel that it is unreasonable in itself go."

I can not work up carrying a risk of exposure in this treatment.
Men, quit his job, along with colleagues 10 September this year.

What there is in the background of the worsening of the treatment.
A questionnaire to 28 companies Motouke companies to order directly from TEPCO, (NHK) responses were received from 15 companies us.
Then, recently, it has been found that there is a tendency to lower cost-per-orders for construction work toward decommissioning.
Eight of 10 companies answered that drops bid and was cited as the reason, the expansion of competitive bidding to reduce costs associated with TEPCO.
I have seen increasing competition lowers the cost-per-order, as a result, the effect is that of a worker out to labor costs.

Influence has begun also extends to the management of subcontractors.
This company has been contracted to work from the beginning of construction of the Fukushima Daiichi nuclear power plant.
I say later this spring, the amount of the same size and construction orders fell about 30% than before.
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President soo good Yokota subcontractors have thought as in "because he was involved from the construction, and I want to be involved until decommissioning. by the survival of the company as at risk as it stands was involved in the nuclear power plant of local company.

I think a similar situation"

In addition, in the future, in this state is also alarmed companies no longer have workers with technology responsible for decommissioning.

After the accident, the company has hit the maintenance of the instrument of a nuclear power plant is not possible to employ the employees working in the Fukushima Daiichi nuclear power plant.

Length queries Yoshiyuki name subcontractors "future, no one has young people involved in the nuclear power plant. while now this. has clearly . you are worried and do not think and budget manpower in total, what you become in the future"

Primary treatment to worsen workers

Guest reporter Notsuharu Yuzo (society section)

After the accident, I'm hit in the work so far more than 20,000 people in total, the exact number of how do you change places are not understood.

However, I still feel that was 1 year and 8 months after the accident, and quite often interchanged and are interviewed.

In particular, a high dose of radiation in the field away from a nuclear power plant is also the case close to the limit of radiation dose in about three months.

Recently, have increased as the reason and treatment is worsening.

Men introduced in VTR salary is around ¥ 10 000 per day is not an exception, even if it sees the local Hello Work job posting.

Some of around 200,000 yen, had been put out to fix many months.

- Are there any thoughts in whatever workers

Are supported by many workers feeling better from Fukushima Prefecture local, their work is that they protect the area.

Now that its voice support have been lost but working in a harsh environment is out.

For example, in addition to the per diem, in the work of decontamination in Fukushima Prefecture, the government directly, the allowance of 10,000 yen per day by the government, set the amount of so that exit.

I have to come out in some cases a result, it increases it more than worked in decontamination work in the
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nuclear power plant.
In the high dose, also appear complained why, from a nuclear power plant workers to work out whether that difference in treatment.

● **TEPCO to be asked workers are leaving**
TEPCO is described to ensure that there is no problem until now manpower.
Its basis is the total number of workers to register workers do to work in the Fukushima Daiichi nuclear power plant.
I'm TEPCO explained it's okay as is well above the number of workers required for the time being this number.
However, that evidence is missing, I have found this in an interview with us in their descriptions.

Watch a video

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**Or enough nuclear workers**

In July this year, announced the prospect of decommissioning work is TEPCO.

"Registration of workers of workers who have become the lot."

Description Number of person required this year while 11 700, workers are registered workers and are 24 300 people.
I had been a lack of personnel would not occur.

However, Fukushima Daiichi is in need of new tasks one after another.
After the accident, is a leading construction company Motouke had done the processing of rubble.

"This is,? Group 1 assembly of the tank?"

"It is the assembly of the tank."

"And one team is here already?"

At the request of the work from the Tokyo Electric Power Company, is hitting the correspondence.
That is the work of the tank installation to store large amounts of contaminated water.
Contaminated water continues to grow in the basement of the reactor building.
You are were pumped to have to store it.

Teruhiko Higashi district office director Taisei Fukushima
I sometimes did in day and night when "not in time, set-up workers, the labor, procurement, also formed a rotation from each branch staff, everyone rushed somehow accomplish the mission . I was in the sense that we do "
Tank was installed so far, 900 group.
I have seen the future, and will require a considerable number of tanks.
's Going to require workers initially, was not in the plan.

Now, really, how much workers are working at the Fukushima Daiichi nuclear power plant.
Layout diagram of the workers of the day there in September that was created based on TEPCO's internal documents.
Are shown in yellow workers.
inital work was done around the reactor building had spread to various locations, including on-site contaminated water tank.
Workers needed per day had risen to 3,000.
TEPCO was again estimated by considering the change due to the increase in work and exposure limits, was found to be 18 000 people per year are required for workers.
I was also increased from 6,000 11 700 people that have been announced so far.
Continuing with the coverage further, the fact that there has been emerged.
Approximately 24 000 people, which has been able to ensure TEPCO was the total number of workers that may later accident, worked at the Fukushima Daiichi nuclear power plant.
Of these, 16 000 people are already engaged in de-registration.
There were only 8,000 workers have been registered at the time of the (October) last month.
Reality is less than originally announced the number of workers can be ensured while workers requires more.
The workers, do you really can secure.
I asked to TEPCO.

Director Kazuhiko Yamashita branch location, Nuclear

TEPCO think with a constant width that "there, and there is a part opaque.
(workers) at most be replaced, because it is that the re-registration also entering into other work as a whole.
(registration number) and I wonder if I have changed so much Ika"

TEPCO workers needed per day is 3,000 for the short term, and there is no problem if it is secured 8,000.
However, I admit that there is a concern in the long term.

"If the required workers increases, how do you think the sense of crisis and concerns?"

Director Kazuhiko Yamashita
"It is to secure long-term human resources.
there is a possibility that this will be considerably more difficult.
therefore., that I must continue to focus on securing and training of human resources"
Agency for Natural Resources and Energy is in a position to oversee the decommissioning work. As a nation, I ask what are you thinking about securing human resources for decommissioning work that is said to be followed by the next 40 years.

Deputy Minister’s Secretariat, Agency for Natural Resources and Energy, Hironori Nakanishi

should be improved based on the actual "is trying to recognize as a point to be improved but not to be in a timing sometimes is slow nowadays, we are saying in various places. I think for what it is cracked, it is possible to listen to the voices of everyone in the field is the first step".

Guest Mr. Junji Annen (Professor, School of Law, Chuo University)

- **ensure personnel understand why became ambiguous**
  The increase or decrease the number of registered workers, because there is the phenomenon of labor shortage by reconstruction demand in some of the affected areas, to predict exactly how much can I ensure personnel quickly, certainly a difficult task I do think there is. But, anyway, would say headquarters, enough for a large organization that I still do not get good at communication between headquarters and the field.
  I think absolutely, because there headquarters mom that you do not know whether the site are working in what circumstances, it is also, and there would be still.
  I just came to say I think frankly that now, better TEPCO had said in the long term, there is a fear that is quite a good thing and I rather.

- **Status of young people will not gather**
  It is a serious situation.
  We are said to take only 40 years in the decommissioning of Fukushima Daiichi, as there was a introduction already.
  Now, as you age, the years reactor only, but since we going to be decommissioning and one of the following from the next is not only the Fukushima Daiichi Then, an engineer for decommissioning, workers it will need plenty of is not.
  I think that there is no participation of young people in such a situation would be very serious.
  I think it’s important to say that I treasure very much to the entire nation (the knowledge and experience of the people who now are working).

- **Can I ask what is "decommissioning" the Fukushima Daiichi nuclear power plant**
  But I think that a difficult problem, if I would like to be sentimental rather, well aware that, for example, that they are kept in cold shutdown barely, thanks to the efforts of the people of the workers in the field that the case of the Fukushima Daiichi you should.
  We would not forget the respect and gratitude for their efforts.
However, I need the money no matter how you look at it again.
We do not have to ensure the level of wages.
Once a certain dose, because you must get out of the office, you must also ensure future employment.
In addition, there must be established a system and provide the health management with an eye toward 5 years, 10 years, health care because there is absolutely fear of long-term health, money’s pretty I in any case it is to take.

* How will you do to ensure the money go
It is a difficult problem.
Money is absolutely necessary.
Basically, there are only two or how to raise the money.
To raise electricity prices, Tepco itself is secured.
One more thing, if you can not put a tax it.
Is either.
However, even decommissioning decontamination, everyone, TEPCO and assumes no damages for victims already then, once I TEPCO did the hike is not current.
This will not be able to maintain over a long period of time easily.
If so, I can not help the country get involved too.
It is originally primary was introduced as a national policy, because is that we have benefited the entire nation, still, you do Do not you think it would have dont unless opinion as an issue for the entire nation as well clean up after it.
(Only a principal responsibility TEPCO) I think it is impossible.

* responsible for "decommissioning" TEPCO country
(TEPCO) will be asked again.
Again, then there is room for things that the sale of the subsidiary and the sale of assets still, it, no matter how you look at it, this is also required effort to reduce those that procurement from outside, such as repair costs, there is only shown in the form of various .
Furthermore, I think, is the biggest fuel cost no matter how you look at it, and there is a room that must be considered still cheaper procurement or how to do this.
(No longer, rather than just a matter of TEPCO) is a problem of the whole country.
I think that clearly shows the vision of the future of nuclear power plant what to do anyway, in which it is necessary to position the how to do the processing of the Fukushima Daiichi.
What's more, it is a challenge without the wait anymore.

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